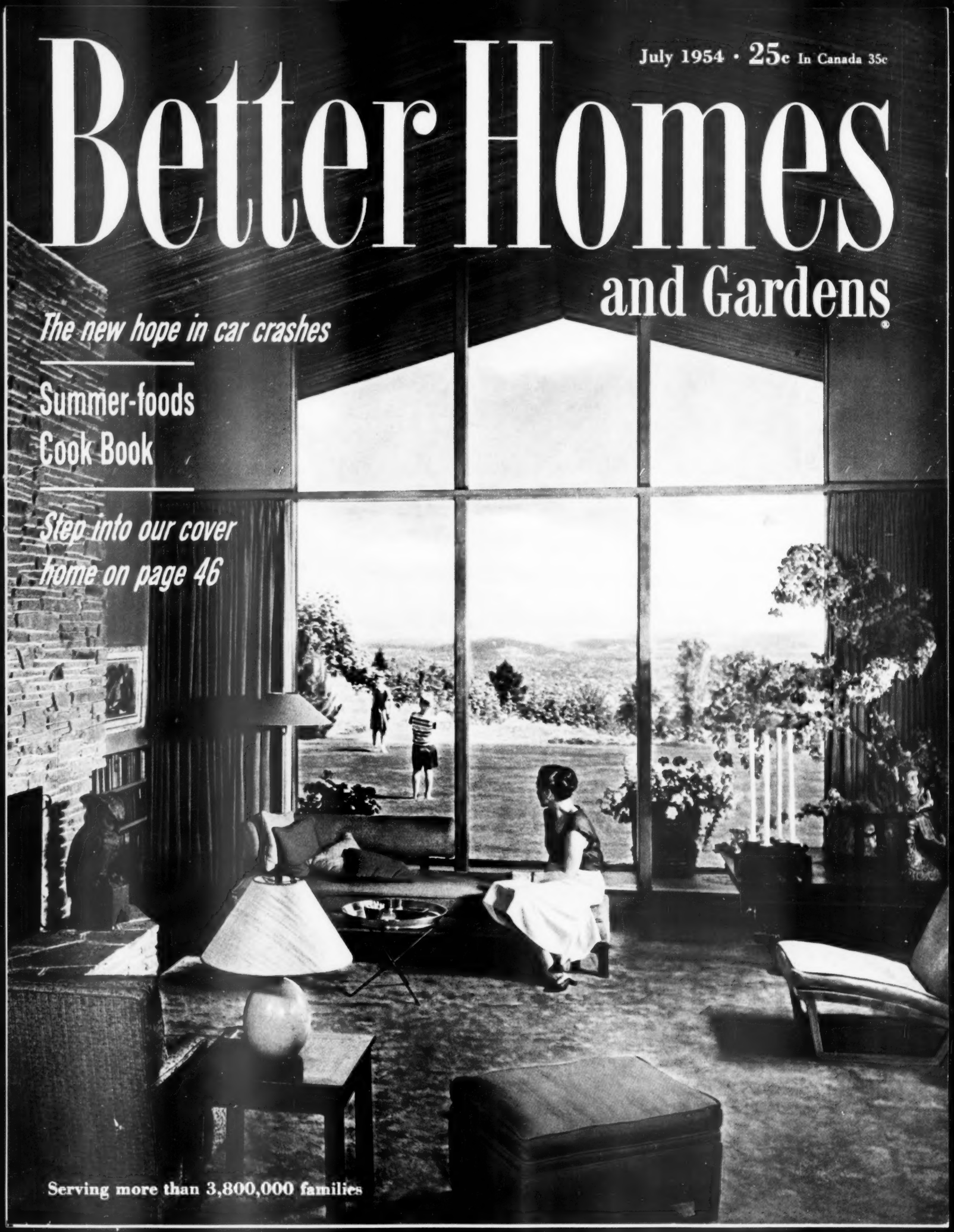
July 1954 · 25c In Canada 35c

Better Homes and Gardens®

The new hope in car crashes

Summer-foods Cook Book

Step into our cover home on page 46



Serving more than 3,800,000 families

CANNON towels are a family affair!

Big and husky

This extra-large man-size, summer-size towel is a really exceptional value—jam-packed (like *all* Cannon towels) with husky loops and woven to last through years of hard wear.

Beautiful and thrifty

For every summer need—the beach, the pool, summer cottage, camp! So many Cannon-fresh colors and patterns, all so low in price, the whole family can have individual ensembles—bath towel, face towel, wash cloth.

Soft and thirsty

Because of Beauti-Fluff, the exclusive finish that makes Cannon towels fluffier, feather-soft, and so absorbent they drink five times their weight in water.

Stock up now for all the family—buy complete ensembles!

bath towel, about **89¢**

bath towel, about **98¢**

bath towel, about **69¢**

TRADE MARK CANNON

Cannon Mills, Inc., 70 Worth Street, New York City 13

Towels • Sheets • Stockings • Bedspreads • Draperies

More families use **CANNON** towels than all other brands combined!

"Is it for ME?"

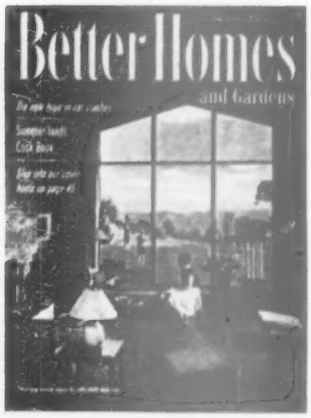
You kind of hope it is—for good news and good times often come your way by telephone.

Maybe it's a date for sister Sue. Or a business call for Dad. Or Bill asking if Jimmie can go to the movies. Or Grandma calling Mother to find out if things are all right. And everything is more likely to be all right when there's a telephone in the home.

In many, many ways, the telephone is a real friend of the family. And the cost is small—just pennies a call.

BELL TELEPHONE SYSTEM

LOCAL *to serve the community.* NATIONWIDE *to serve the nation.*



A good house can express a rewarding view of life, as it does for the David Eyre family of Portland, Oregon. You'll meet them and read about their home on page 46. The cover photograph taken by Hedrich-Blessing

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Published monthly by Meredith Publishing Company, 1714 Locust Street, Meredith Building, Des Moines 3, Iowa, U.S.A. Entered as second-class matter July 8, 1922, at the post office in Des Moines, Iowa, under act of Congress, March 3, 1879. Copyright, 1954, by Meredith Publishing Company. All rights reserved under the International and Pan-American Conventions. Marca Registrada en Mexico. *Printed in U.S.A.*

Better Homes and Gardens®

JULY, 1954 Vol. 32, No. 7

Don't miss these features!

How to add space to a small house

Check these eight tested solutions for the key to your puzzle. Page 56

Mighty proud, this workshop!

Try a long-range plan if you want results like this. Page 50

New hope in the war against cancer

Page 23

Summer watering

Where? When? How much?

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Color news for your bathroom

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The West nobody knows—

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Man-oh-man, what blooms! Page 44

What's happened to Independence Day?

Page 43

For complete contents, turn the page

FREE

JACKSON & PERKINS NEW FALL 1954

CATALOG OF ROSES AND PERENNIALS

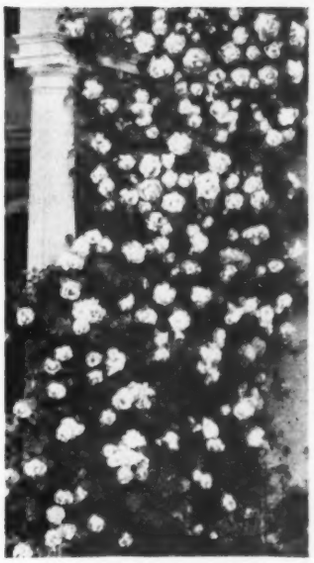
MONEY-SAVING GROUP OFFERS

SEE THE WORLD'S MOST PRIZED ROSES

50 PAGES IN FULL COLOR!

Is Your Garden "ROSE POOR"?

No other plant in all the world can do so many things in your garden!

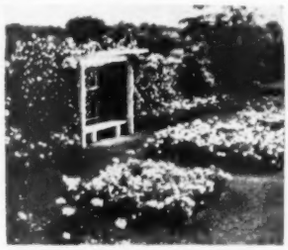


CURTAINS OF COLOR TO DRAPE OVER WALLS, PORCH, FENCES, etc.

Climbing Roses produce thousands of blooms on just one plant! Ideal for covering posts, pillars, fences, porch, walls — any unsightly object!

EVERBLOOMING ROSE HEDGES

Floribunda Roses are wonderful for hedging, borders along walks, walls, etc. They're in bloom all season long —never need trimming, except when you want cut flowers.



FORMAL BEDS AND BORDERS

A combination of huge-sized Hybrid Teas for highlighting any spot in your garden—and Floribundas for a border gives any garden a beautiful, "professionally-landscaped" effect.

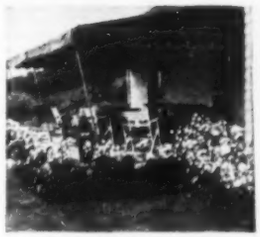
IMAGINE having a garden ablaze with brilliantly colored, enchantingly fragrant flowers *all season long* . . . from early June right up to frost! Picture a solid hedge of exquisite, vivid blooms . . . a hedge that never needs trimming, except when you want cut flowers! Just think of having unsightly fences, garage walls, posts, etc. completely covered with a beautiful curtain of flowers! Well, you can actually have all of this breathtaking beauty in and around your garden—just by planting Roses! And to help you select, plant and grow the world's finest Roses—we will send you, *absolutely free*, our brand-new Fall 1954 Catalog!

PRIZE-WINNING ROSES FOR YOUR GARDEN

This one book will help you transform your garden into the showplace of the neighborhood. For, within its 50 FULL-COLOR pages you'll see scores upon scores of the world's Prized Roses. You'll see page after page of glorious Hybrid Teas like *Volcano, New Yorker, Diamond Jubilee*—exhibition-sized roses that bloom up to 7" across! You'll see All-America Floribundas like *Fashion, Vogue, Ma Perkins* — ideal for everblooming hedges, picture window and foundation plantings. And you'll see America's favorite Climbers — *Blaze, Aloha, Climbing Crimson Glory, etc!* And most important of all, you will see—*for the first time*—all the newest J&P Creations—the sensational new 1955 All-America Award Winning *Jiminy Cricket;* the largest Yellow Hybrid Tea ever created, *Golden Masterpiece; Red Flare; Baby Blaze*—and many, many more!

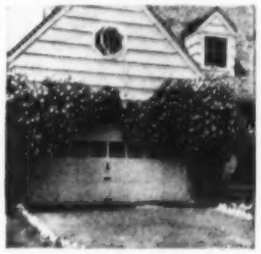
EACH J&P PLANT GUARANTEED TO LIVE & BLOOM

To top it off, there's a wide selection of hardy J&P Perennials—Delphiniums, Giant Mums, Phlox, etc. plus many helpful hints and money-saving group offers. Since experts recommend Fall as the best time of the year to plant — you'll need this Catalog to make your selections as soon as possible. It's yours, FREE—just by mailing the coupon NOW.



FOUNDATION PLANTINGS

See how just a few rose bushes add beauty around your patio and around your home. And they're so easy to plant—so easy to grow —so lovely to have!



DECORATE ALL YOUR PROPERTY

There's really nothing in your garden and around your home that can't become a joy to behold! Just see what 2 Climbing Roses "do" for a bare garage door.

HUGE BLOOMS UP TO 7" ACROSS

Hybrid Teas—the classic Rose—produce truly tremendous blooms . . . many as much as 7" across! And they are really exquisite to see—beautifully formed, brilliantly colored and very fragrant.

And You'll See Dozens of Varieties Including Many Brand-New Creations Like NEW 1955 ALL-AMERICA WINNER

Jiminy Cricket

(Pl. Pat. Rights Reserved) The very newest member of J&P's family of All-America Floribundas! Masses of urn-shaped tangarine-colored buds open into lovely 3½" coral-orange blooms!

Jackson & Perkins Co.
905 Rose Lane, Newark, NEW YORK

Please send me a FREE copy of your big, new Fall 1954 Rose Catalog picturing and describing the newest and best in *easy-to-grow* J&P Modern Roses and Perennials—all in full natural color . . . and containing helpful information about successful gardening.

NAME .....

ADDRESS .....

CITY ..... ZONE ..... STATE .....

This offer good in U.S.A. only.

JACKSON & PERKINS CO. *World's Largest Rose Growers* **NEWARK, NEW YORK**

BRILLO
Soap Pads

Whisk off scorch, shine pans fast!

Just whisk a Brillo® Soap Pad over your messiest pots and pans—see greasy scorch *dissolve away!* Sturdy metal-fiber Brillo pads contain polishing soap that *cuts grease fast!*

No soaking! No hard scrubbing! Of all cleansers tested, Brillo gives *twice* the shine in *half* the time!

BRILLO SOAP PADS	BRILLO CLEANSER
(*red box*)	(*green box*)
Soap-filled pads	Pads plus cake soap

There's polishing soap right in every
BRILLO Soap Pad!

THRIFTIER!
5 and 12 pad boxes

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TO INTRODUCE YOU TO THE BIG MONEY-MAKING OPPORTUNITIES OFFERED BY CHILTON GREETING CARDS

Yours FOR JUST A 3¢ STAMP

A BOX OF 25 BEAUTIFUL CHRISTMAS CARDS

imprinted with your name!

Yes — *as an outright gift* — as our "Christmas present" to you — please accept an assortment of 25 breathtakingly beautiful Chilton Christmas Cards, smartly imprinted with your name, all ready to mail! Each card is an exquisite expression of the Holiday Spirit. And this lovely, valuable assortment costs you . . . JUST THE 3¢ STAMP YOU USE TO MAIL THE COUPON!

WITH THIS FAMOUS CHILTON PLAN! THOUSANDS MAKE $50.00 AND MORE

The moment you see your Chilton Christmas Cards, you'll realize why thousands of men and women are EARNING EXTRA CASH by showing stunning Chilton Christmas greetings to their families, friends, and neighbors.

That's why we're making this unheard of offer . . . to demonstrate the pleasures and profits of introducing Chilton Christmas cards. You'll be proud to send these beautiful cards to your most special friends! And you'll be thrilled to show to your friends and neighbors the samples we will send on approval with your gift cards!

With Chilton Christmas Cards, you'll earn $10, $50, $100, even $250, quickly . . . easily . . . and have fun while doing it. Your own good sense will tell you that there must be literally hundreds of folks right in your own neighborhood, who'll thank you for introducing them to the amazing quality and value of Chilton Christmas cards. And the guaranteed Chilton "friendship plan" will show you the proven way to present these cards. You need no experience; as a new member of the Chilton family you get our money-making guides which explain everything.

BUT ACT QUICKLY — THIS OFFER IS LIMITED — ONLY ONE TO A FAMILY! Just fill out and mail the coupon . . . your only cost is the 3¢ stamp you use to mail the coupon. We'll send you your assortment of 25 *personalized* Christmas greetings, plus other boxes of beautiful Chilton Christmas Cards, on approval. Send no money — pay nothing when your boxes arrive. Show the sample cards to your friends and neighbors. Unless you receive immediate orders, as an active Chilton dealer, keep your gift assortment, return the other cards and *owe nothing!* YOU TAKE NO RISK! But you must hurry. This offer may not be repeated! Mail the coupon NOW.

FOLKS SAY "WE'RE THRILLED"

"What a grand opportunity to go calling on all the people you would so much like to know! When I'm showing Chilton greeting cards to them, I'm a woman who really loves her work."
—M. H. B., Westboro, Mass.

"It's a never-ending thrill to be accepted into peoples' homes. At my age that means more than you could ever understand."
—Mrs. J. J. C., Washington, D.C.

"There's a welcome waiting for me at every door I visit —and I have earned almost $60.00 in just a few weeks!"
—M. D. A., Flushing, N. Y.

CHILTON GREETINGS CO.
149 Essex St., Boston 11, Mass.
1808 Roscoe St., Chicago 13, Ill.
IN CANADA: 105 SIMCOE ST., TORONTO, 1

CHILTON GREETINGS CO.
149 Essex St., Dept. BH-7, Boston 11, Mass.
1808 Roscoe St., Dept. BH-7, Chicago 13, Ill.

YES, please send me, for just the 3¢ stamp on this envelope, 25 beautiful Chilton Christmas Cards. I understand that I will receive other Chilton Christmas cards on approval and that if I'm not satisfied I may keep the imprinted assortment and return the others without obligation.

IN CANADA: WRITE TO 105 SIMCOE ST., TORONTO, 1

NAME .....

ADDRESS .....

CITY ..... ZONE ..... STATE .....

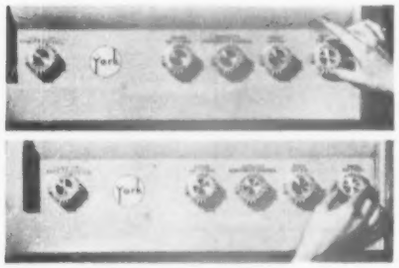
PRINT YOUR NAME ON 1 LINE HERE JUST AS YOU WANT IT ON YOUR 25 CARDS. LIMIT 30 LETTERS.

For a single room or a grand mansion ... see what York has for you in 1954!

York brings you a room air conditioner with the most comforting features of all!

a

COOL AIR WHEN IT'S HOT...
WARM AIR WHEN IT'S CHILLY...



Simply dial! York's miracle Heat-Pump Room Air Conditioner is a perfect supplementary source of heat for chilly weather. York also brings you *Micro-Air Filtering* that effectively traps dirt, dust, hay-fever pollens—and fully automatic *humidity control*. No plumbing connections are necessary . . . York uses only air and electricity.

Simply dial balanced cooling regardless of outdoor changes. Set Automatic Comfort Balancer Dial to avoid ups and downs of room temperature. York gives you *Cushion-Quiet* operation, too, because noise is engineered out—and *no drafts* because York's exclusive Rotary Grille lets you direct air circulation any way you want it!

Simply dial to ventilate with outside air—exhaust room of staleness. And York brings you *new room beauty!* DeLuxe models mount almost flush with windowsill. What's more, York is as *dependable as the most modern home refrigerator* —the entire cooling-heating circuit is hermetically sealed and carries a full 5-year Protection Plan!

17 beautiful models to choose from—prices start at $199.95 f.o.b. factory! See these modern miracles demonstrated!
Visit your York Dealer soon—he's listed in your classified phone book.

HEADQUARTERS FOR MECHANICAL COOLING SINCE 1885

b ... and a wondrously low-cost and compact year-round residential air conditioner!

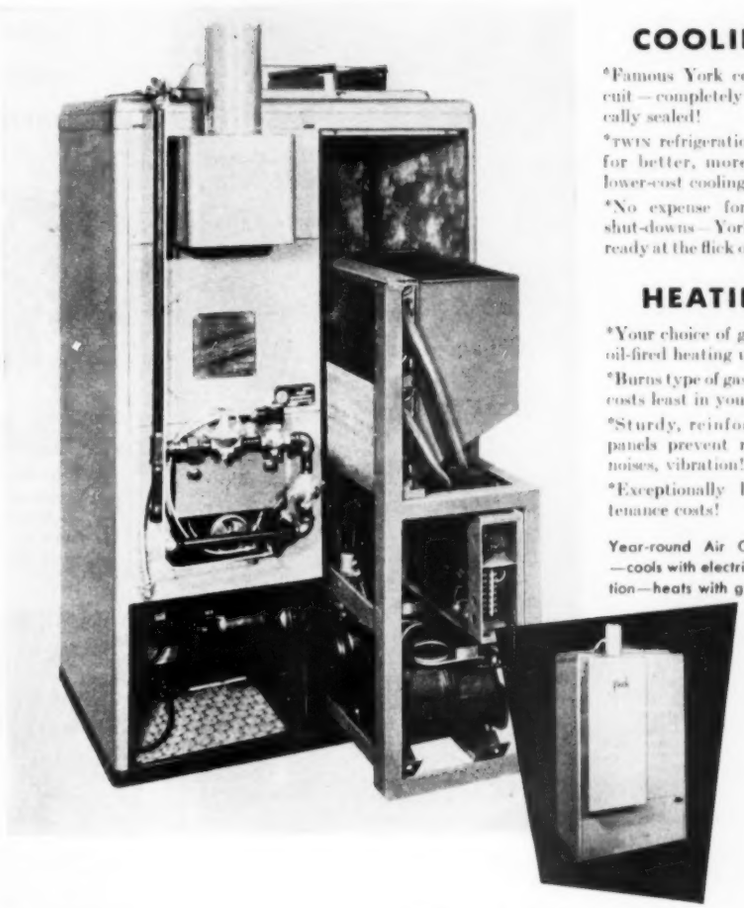
NEVER BEFORE HAS SO MUCH COMFORT been engineered into so compact and economical a "package."

Look for yourself! York needs less floor space than many furnaces alone, yet it cools *and* heats a full-sized home . . . and costs less to install and operate than most people imagine!

BEST OF ALL—when you own this latest York advance, you'll soon find that "year-round" only *hints* at the exciting future at your house.

You'll learn how York cools without chilling on the hottest, muggiest days and nights . . . you'll discover how toasty-warm a long winter evening can be . . . you'll marvel at York's cushion-quiet operation . . . and how delighted you'll be with all the cleaning-hours saved by York's effective filters! It's almost unbelievable when you remember that all this, and more, is yours from a single, low-cost unit that can be tucked away in a service closet!

BEST THING TO DO RIGHT NOW is to call your York Dealer (he's listed in your classified phone book) and let him give you expert guidance to this wonderful adventure in modern living—a York adventure in pure comfort that you'll enjoy year after year after year!—or write to York Corporation, York, Pa.



COOLING

*Famous York cooling circuit—completely hermetically sealed!

*TWIN refrigeration circuits for better, more flexible, lower-cost cooling!

*No expense for seasonal shut-downs—York is always ready at the flick of a switch!

HEATING

*Your choice of gas-fired or oil-fired heating unit!

*Burns type of gas or oil that costs least in your area!

*Sturdy, reinforced steel panels prevent rattles, air noises, vibration!

*Exceptionally low maintenance costs!

Year-round Air Conditioning—cools with electric refrigeration—heats with gas or oil!

c In fact, York offers you the right kind of air conditioning for every kind of home!

WHAT TYPE HOUSE DO YOU OWN? Is it large? Small? Old? New? Compact? Rambling? Or is it just a blueprint? Do you want year-round air conditioning or do you want just to add cooling to your present furnace?

The only difference it makes is in choosing your York model—for York builds more than 30 different sizes and kinds of home air conditioners.

YORK HAS BROUGHT THE RIGHT KIND of central air conditioning to many thousands of homes from coast to coast. It's so easy to make your home next!

air conditioning by york

In homes and offices, ships and stores, skyscrapers, factories, hospitals, theaters . . . almost everywhere you go, when the air conditioning is just right, chances are it's York Air Conditioning.

YORK CORPORATION York YORK, PA.

HEADQUARTERS FOR MECHANICAL COOLING SINCE 1885

Your House is Not Complete... *without a GARAGE!*

A "see-through" carport makes even the costliest home appear unfinished. What a difference with an enclosed GARAGE and . . .

Look how much you add to the length and beauty and *completeness* of your home, with an attached garage and The "OVERHEAD DOOR" of standard or special design. Yet it adds so little more to your building or remodeling cost. And it provides an extra room for play, workshop, storage —extra resale value for your home, too. But be sure to get The "OVERHEAD DOOR"—the best and most economical because it gives years of smooth, trouble-free service!

...and what *Convenience!* New ULTRONIC DOOR OPERATOR

Pushbutton in car unlocks and opens garage door, turns on lights. No more climbing out of car in bad weather or on dark nights! Costs less than many major home appliances—ask for estimate now.

America's Great Name in QUALITY DOORS...

© 1954 O. D. C.

GET THE FACTS!

Phone local distributor (listed in yellow pages of your phone book under "Doors") or write for FREE folders today to:

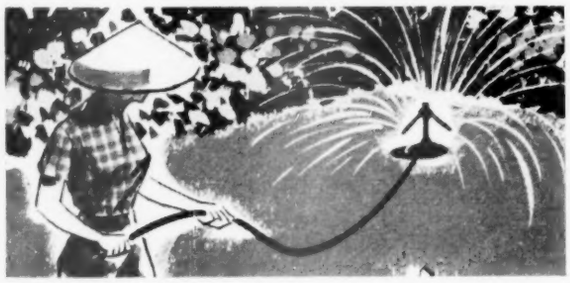
OVERHEAD DOOR CORPORATION

Dept. BH-9, Hartford City, Indiana

THE COMPLETE LINE OF UPWARD-ACTING DOORS... RESIDENTIAL · COMMERCIAL · INDUSTRIAL

Summer watering—

Watering takes time, and it can be expensive. To know the satisfaction that comes when you save on both, water where the roots are. These tips will help

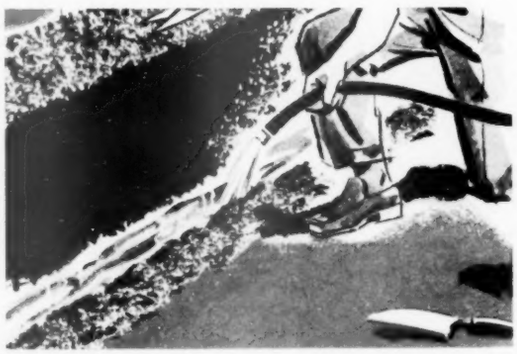


Lawns and borders. You'll probably use the most water on your grass and flower borders. To get full benefit, water deep enough to moisten top foot of soil. You won't save water by just sprinkling, and you may weaken grass and flowers by stimulating shallow root growth. Set sprinkler so water soaks in and doesn't run off

Shrubs. Older evergreens and big shrubs need only an occasional watering to supplement rains.

But you must water deep to do much good. Let water run slowly so it soaks into soil. Hose dust off foliage to keep it looking fresh.

Water your new shrubs, evergreens every 10 to 14 days the first summer. Use sprinkler or soaker—something you can let run.



Hedges. Soak 12 to 15 inches deep at least twice a month the first summer. Once the plants are established, water as often as necessary to supplement rains.

To get the water down where the roots are, use a soaker, or run water slowly into shallow trench around base. Mulch at base will help reduce watering time, also improves looks.

when, where, how much?

Trees. Young trees will need water every two or three weeks the first summer after they are set out. But water deeply. This means letting hose run for hour or two at base of each tree. Older trees can handle themselves, except in driest years

Planting boxes. Tubbed and boxed plants, like potted plants, soon use up their water supply in hot summers. Check them regularly.

They'll grow best if you add enough water each time to moisten all of the soil to every corner of the container.

Keep a close check. Don't wait until the plants begin to wilt. The smaller the pot or window box, the more often you'll have to water.

Roses. Modern roses are grafted on sturdy understocks that send roots deep into soil. That's where they need the water. Once a week, water at least 18 inches deep. Use any watering device that lets water soak into the ground

More on next page

Further your child's future with a Wurlitzer now

When you have a Wurlitzer Piano, you show your love of music. Your pride in your home. Your appreciation of beauty.

But, above everything else, you show your interest in your youngster's future. A Wurlitzer Piano, like a good education, helps pave the way for a child. Helps a youngster acquire an ability to do things on her own.

But, don't forget this. A child is young such a little while. So don't put off seeing your Wurlitzer Dealer (or writing us for information). More parents, you know, buy Wurlitzer Pianos than those of any other name. Isn't *your* child's future worth a Wurlitzer now?

WURLITZER PIANOS

More people buy Wurlitzer Pianos than those of any other name.

Typical of the greatest piano values in Wurlitzer history: Superb 40-inch Wurlitzer Model 2610 in mahogany finish, $695 (bench included). Other Wurlitzers from $464 to $1895.

THE RUDOLPH WURLITZER CO., DE KALB, ILL.

How to put HEALTH into your HEATING

Never be satisfied just to warm the air in your home. Science has discovered *four* things which must be done to home air in winter if it is to be really healthful and comfortable for you and your growing children.

Air must be: (1) held steadily at the correct temperature; (2) cleaned; (3) moistened; and (4) circulated evenly to every room, every corner, without drafts.

With an Armstrong "Indoor Sunshine" furnace you get every one of those essentials. And that is complete *winter air conditioning*.

Yet all of them are delivered automatically. You simply set your thermostat and enjoy your home . . . economically . . . healthfully.

Cost? No more than old-fashioned heating. Less, in fact, than many ordinary systems. Saves money on fuel, too, whether you burn oil, gas or coal. Easily installed in new or older homes. Space-saving models for large and small houses of every design. The new Armstrong horizontal shown above, for instance, takes up no floor space. It can be installed almost anywhere from basement to attic. Ideal for new houses; wipes out the furnace-clutter which marks so many older basements.

Your nearby Armstrong dealer will be glad to give you all the facts, without obligation. Or write us (Dept. B-1) for the free booklet "The Miracle of Winter Air Conditioning."

Let Armstrong Air Condition Your Home for Summer Comfort, too!

ARMSTRONG "Indoor Sunshine" FURNACES

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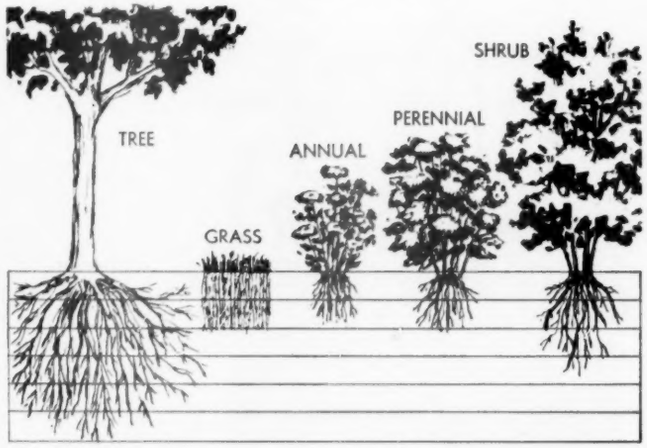
ARMSTRONG FURNACE

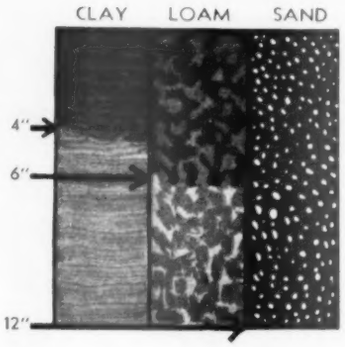
Summer watering

Begins on page 10

Put the water where the roots are



Depth roots grow is indicated by this diagram. Each line represents 1 foot of depth. In each class, a few roots grow much deeper than shown. Some grass roots may go to 4 feet. Soil dries from top down. You water when root zone begins to dry out, before plant wilts



Depth inch of water penetrates soils

How much water you add to your soil to moisten the top foot depends on the type of soil.

Graph at left shows depth that inch of water added to surface moistens 3 kinds of soil. In average loam soil, penetration will vary from 5 to 7 inches.

Surest test of penetration is to dig into soil with spade.

The right time to water is of greatest importance in the summer. Plants need more water then, because of greater heat and dry winds. Yet, while plant needs are greatest, rainfall is usually low.

To determine when to water, you need to know two things: how deep your plant roots go, and how much moisture is in the soil.

If the roots of a plant are in the top 6 inches of soil, water when that portion of the soil dries out. If the roots go 18 inches deep, you can postpone watering a little longer. If you are in doubt, dig down to see if soil is moist about roots.

The time of day you water is not too important. Water when it's convenient, but don't sprinkle in the evening. Plant leaves should not be damp at night, as this invites trouble from diseases.

If you must water late, use a soil soaker or water "breaker."

How much should I water? Apply enough water to soak the soil thoroughly where most of the roots grow. For annuals, this will be 8 to 12 inches. For the bigger perennials and small shrubs, it may be 18 to 24 inches deep.

Large shrubs and trees draw most of their water from deep in the soil. In hot summers, soak soil about them to depth of at least 18 inches. This will not supply all the water they need, but it will supplement their natural supplies.

Using a sprinkler and a standard ⅝-inch garden hose, you can add an inch of water to a 10x10-foot plot in about 20 minutes. This is using normal city-water pressure.

For a more accurate measure of how much you are applying, test your sprinkler. Set coffee cans or other shallow containers under the sprinkler zone, and clock the time it takes them to catch an inch.

What's the best way to water? The size of your lawn and the time you have to water will help decide this. Choose a watering device that helps you get fast, even distribution.

Use a sprinkler when you want to water a large area. Good ones give even distribution, little waste.

The soakers, either canvas or plastic, solve some of the tougher watering jobs. They are excellent for watering slopes where runoff is a problem, or where you need to water a narrow strip.

You can save money on watering by never applying water faster than the soil will soak it up.

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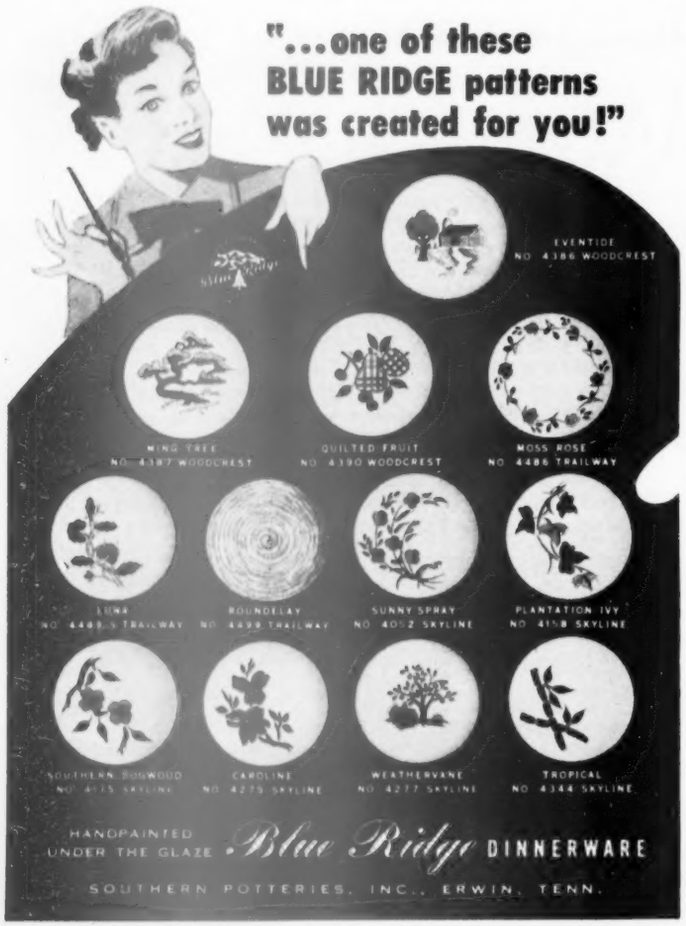


JULY GARDEN REMINDERS:

Now's the

CENTRAL AND EAST

Adjust your mower to a height of 2 inches to give lawn a better chance to withstand hot weather.

Make the last planting of gladiolus bulbs for late-fall bloom. Spray glads weekly with malathion or DDT to control thrips.

Stop pinching off tips of your chrysanthemum shoots the first week in July.

Mulch around tomato plants to shade the ground and conserve moisture.

Sow carrots, beets, sweet corn, and snap beans in vacant rows for fall harvest.

Place your order for Oriental poppies and Madonna lilies for delivery and planting next month.

Destroy poison ivy by spraying with ammonium sulphamate or a combination of 2,4-D and 2,4,5-T.

Dust phlox and other plants subject to mildew with karathane, sulfur, or other good fungicide.

SOUTH AND SOUTHEAST

Soak the soil around your garden plants to a depth of at least 6 inches each time you water during hot, dry weather. With a trowel, check depth the water penetrates into soil.

Tie African marigolds, dahlias, and other tall flowers to stakes to hold up against strong winds.

Cut faded bloom from crapemyrtles. In Upper and Middle South, feed ever-blooming roses. Water immediately afterward. In Florida and along the Gulf Coast, remove all flower buds and give little water, to rest bushes for a few weeks.

Give camellias their last feeding in July. Use one of the special acid plant foods available.

Look sharply for the tiny red spiders on camellias, azaleas, evergreens, and other plants commonly at-

TEXAS AND SOUTHWEST

Feed your Bermuda lawn with a balanced plant food. Water in immediately. Apply at least an inch of water.

Get complete kill of weeds on walks and driveways by using a 2,4,5-T-and-2,4-D-combination spray material.

To hasten decomposition, wet down compost heap occasionally.

Check tall garden flowers and vines to make sure they are well supported and tied against sudden blasts of wind and rain.

Lift and divide crowded bearded iris clumps.

Shear off old flower heads, and several inches of the tops, from alyssum, verbenas, and candytuft.

Wait until latter part of July to plant okra, squash, beans, and other vegetables for fall harvest.

Spread moisturesaving cottonseed hulls or other mulch around roses, young evergreens, and shrubs.

time to...

When iris clumps get crowded, divide and transplant. Pry up clump with spade or fork, and shake off loose soil.

Pull matted rhizomes apart and discard old roots. Cut tops back to 8 inches, and replant in sunny spot.

Give special attention to watering of all newly planted shrubs, trees, and flowers during hot weather.

Destroy sod webworm, larvae of Japanese beetles, May beetles, and other lawn pests by dusting or spraying with chlordane or dieldrin.

Use soil soaker to water young trees efficiently in summer. Let water run slowly, so it will soak down to tree roots and not run off.

Keep sod away from trunk first year, so grass doesn't compete with tree for water. Soakers are also good for watering hedges, big shrubs.

tacked by them. Dust with sulfur, malathion, or other good mite control.

Order iris, daffodils, and daylilies for fall planting.

Edge flower beds to keep grass from getting a foothold in them. Cut back grass creeping onto walks.

Mulch rose beds with ground corncobs, cottonseed hulls, or other inexpensive mulch. You will save water, keep roses growing better.

Before you mulch, apply 3 pounds of a balanced plant food on each 10x10-foot area.

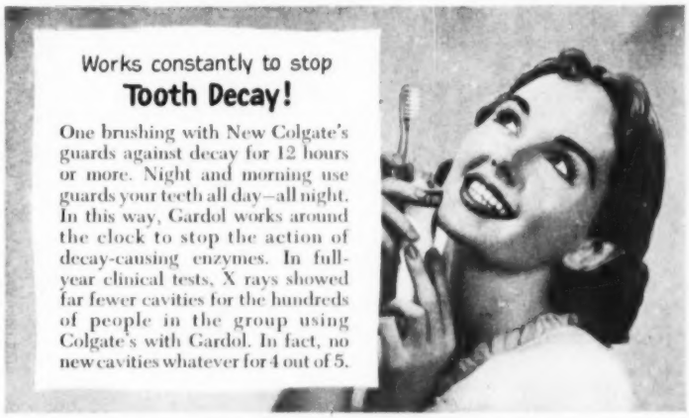
Cut faded flowers from your hardy phlox to prevent seeding. Remove any magenta-flowered seedlings that may have appeared around your good varieties.

Induce more flowers in your bloomed-out perennial plants by cutting off old flower heads.

More on page 17

New Colgate Dental Cream with GARDOL*

CLEANS YOUR BREATH...



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ONLY COLGATE'S GIVES YOU FULL GARDOL PROTECTION AGAINST TOOTH DECAY!

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PONTIAC

PONTIAC MOTOR DIVISION OF GENERAL MOTORS CORPORATION

Now's the time to . . .

Begins on page 11

CALIFORNIA

Stake and tie tall, heavy-headed tuberous begonias to prevent stems from being broken.

Syringe azaleas, camellias, and fuchsias daily to keep up humidity, and to discourage redspider-mites.

Water pot plants frequently—most flowering kinds need water every day.

Sow cineraria seed in the fog belt.

Give the lawn its monthly feeding, and water immediately afterward to keep a healthy green.

Sow seed of snapdragons, calendulas, stocks, baby primroses, and nemesias for winter blooms.

Cut back scraggly Marguerite daisies to short stubs, to force plants to make new growth and blooms.

Shear faded blooms from those double-flowered oleanders that won't shed them.

Sow early-flowered varieties of sweetpeas for the earliest fall and winter blooms.

Spray citrus trees with a summer oil to control scale insects. Follow directions on container.

Feed azaleas and rhododendrons every 4 to 6 weeks while they are actively growing.

Use a special acid plant food, or use regular plant food mixed with equal parts of agricultural-grade sulfur.

Spread food about base on the area shaded by tops, and water it in immediately.

PACIFIC NORTHWEST

Take 3- to 4-inch-shoot tips from early English chrysanthemums, and root new plants for November bloom.

Lift, divide, and replant garden pinks in a sunny, well-drained spot.

Control aphids feeding on flowering plants by spraying with malathion, lindane, or nicotine sulfate.

Order daffodils for early fall delivery.

Plant lettuce, broccoli, carrots, beets, and kale to replace other vegetables that are through producing in the garden.

Cut old bloom heads from azaleas, rhododendrons.

Examine rhododendrons for lace bugs every few days, and spray with nicotine sulfate as soon as seen.

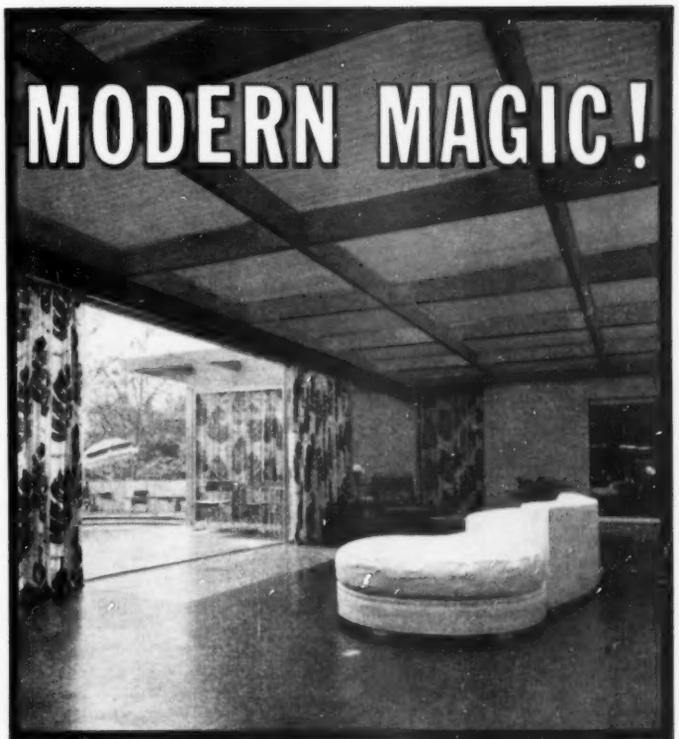
Keep weeds down in the strawberry bed, and be sure the plants are watered regularly.

Thin out small branches in thick-foliaged trees to allow more light to reach grass growing under trees.

Cut out old raspberry canes as soon as they are through bearing fruit.

Use a multipurpose pesticide in a container-duster tube to control pests that appear on flowering plants.

Aphids and mildew attack many plants in summer, and roses may get black spot. Multipurpose dusts will give you quick, convenient control of a variety of pests.



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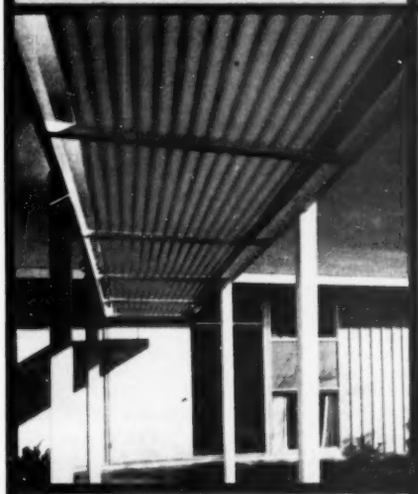

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The diary of a

Plain dirt gardener®

By Harry R. O'Brien

My six rows of potatoes out behind the garage are feeding two families. I dug a couple of pecks the other day while Janet sacked and Maggie watched

July 1 "Are those lilies still in bloom?" asked Maggie at breakfast. "I never did cut any."

They are all gone by now, she discovered during the day and reported at supper.

By lilies, she meant the Madonna ones I planted last fall. In the past two weeks, they have made a brave show—both here and other places in our community.

Come to think about it, new lily bulbs could be ordered before long. Ditto, it is the right time to order narcissus and tulips, Oriental poppies, roses for fall planting.

July 2 For our humble supper, Maggie made a big pot of vegetable soup. Her vegetable soup is not just ordinary stuff. It is one of her achievements—a creation, a masterpiece. It was delayed a bit because of no onions. I had to hurry out and dig some.

She also brought in a bouquet of dwarf marigolds, and had them in a bowl on the supper table.

July 3 Tonight I got out the garden tractor and began to criss the tomatoes and cabbages. I had already crossed them some days back. You see, I always set out these and other plants in rows, both ways, so I can cultivate up and down one time and back and forth the next time.

Now is the time to get after the weeds, while they are young. It is a lot easier than waiting until they grow large and I'd have to hand-hoe or pull. This I reflected, as I paddled back and forth, while the little tractor snorted in front of me.

July 4 Forgot to mention yesterday that I went by Donald's house to look things over. He had gone off without mowing the lawn. On the ground outdoors, he had left that bag of plant food I gave him, with a flat half covering it. Worms are eating up his cabbages.

July 5 I was out today in my vegetable patch, hidden far back behind the bushes from eyes of neighbors. I ran the little tractor to get that cultivation finished.

Swish, flop, stop. One of the two transmission "V" belts had broken right in two. Torn beyond repair. I took it off. Started up the tractor again. By babying it a bit, I made it work enough to finish the job and worry back to the garage. Then I quit work and cleaned up.

July 7 Delayed too long indoors and hardly time enough to get into garden regalia before supper. Just went on a scouting expedition on the back paths. And I began to learn things.

Up flew some crows from the middle of my rows of snap beans. They must be the critters that have been eating off tips and blossoms of my beans. All this time, I'd been blaming rabbits.

Pronto, I moved the family scarecrow from the sweet corn over into the beans.

Some muskmelon vines have died out, but rest are growing vigorously, getting long yellow blossoms. Evidently, roots are down to plant food I buried beneath hills.

Maggie was out in the rose beds. She clipped off some faded blooms. Also cut a bouquet of blooms for the table. At suppertime, she wanted me to identify them.

"Those dark red ones are Holstein, one of the older floribundas," I told her. "The smaller red ones are Koralle, another floribunda. Blest if I know what the pink one is; it could be Sweet Sixteen."

July 8 Dug nearly a peck of new potatoes from the six rows back of the garage. The rest are ready to dig. Watered the mums; dissolved some high-analysis plant food in the water first.

Also dusted all the roses with my new self-contained dust gun, which comes already packed with 10 ounces of Karathane and Captan in a little paper tube.

I've sorta neglected this dusting, and black spot, plus a bit of mildew, has been spreading.

July 10 Took time off to go visit the dealer who carries the kind of garden tractor we have, to get a new transmission belt.

July 11 Dug the rest of those early potatoes. I have nearly five pecks, which I'll divide with Donald and Janet. These will last us many weeks. Then gave the rose beds a lick and a promise. I got out my little mattock hoe. Going over every bed, I just whacked down the big weeds. My, how this improved looks. Hauled load of whackings to compost pile.

July 12 Toward eventide, out to view our domain. Bless my soul—we can have a mess of snap beans any time someone picks 'em. And cabbage is big enough to use.

July 14 We had a lovely supper. Maggie had picked the beans and cooked 'em with lots of bacon, for flavor. She saved half for Janet. You see, Donald, Janet, and Gary came home last night.

July 15 Maggie and Janet came out to watch me dig potatoes. Janet took back some beans and a sack of potatoes. Donald had helped me get the ground ready. Janet had helped plant those beans. Production has been a family affair, with crop to be shared by both of our hungry households.

I finished up the grand chore of cutting off faded blooms from the roses, with some cutting back of stems where indicated.

July 18 We drove to Donald's. I spied an amazing kind of vegetable growing up in his garden. He must be putting something over on me, with some new kind of vegetable.

I rushed to see. The plants were Jimson weeds, with the loveliest big flowers on them. "I never had these before," said Donald. "I guess seeds were in that topsoil I bought."

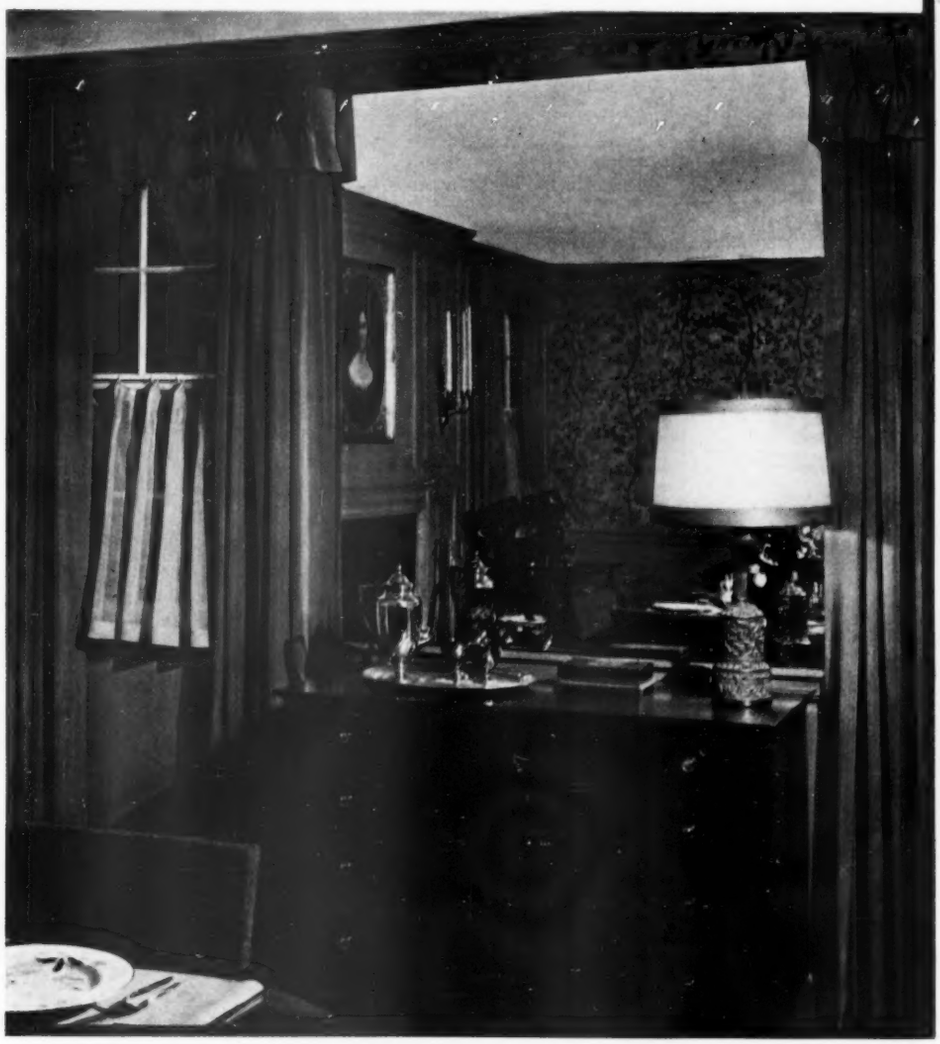
July 20 "Wait a minute. Hold up supper for a while. I'm going too good to stop now," I called to Maggie as I came to the kitchen for a drink. She was about ready to put some steak in the skillet.

"What's the big idea?" says Maggie. "It's those chrysanthemums," says I. "I want to get them

[*Turn to page 20*

3 ways
to wake up drowsy rooms without spending a fortune!

1 **A WALL MIRROR** can be a real rouser for that "sleepy" room—whether it's your dining room, living room, bedroom, or bath. For there's a magic quality about Pittsburgh Plate Glass mirrors that stirs up life in even the dullest corner. That's because these mirrors reflect all the color, movement and light in the room. You'll be agreeably surprised at their low cost. Interior Designer: Miss Elizabeth Whitney, A.I.D., Chicago, Ill. Furniture by Consider H. Willett, Inc.



2 **FULL-LENGTH DOOR MIRRORS** of Pittsburgh Plate Glass are another important way of waking up rooms . . . making them more radiantly alive. Besides, door mirrors are a *practical* necessity in every home. Being 68" tall, they permit a *really* full-length view of every member of the family, including 6-foot father!

3 **PLATE GLASS** furniture tops can do a lot to spark up the appearance of any room. Their mirror-like reflections make that possible. But they also guard against those accidents that take such a big toll in marred furniture tops every day. Easy to order, amazingly low-priced.

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The diary of a plain dirt gardener

Begins on page 18

all finished before I quit working."

Well, I did it, too. Weeds pulled well, as ground had somewhat dried after rain. I went up and down rows and pulled every weed I could find. Then pinched tops of mum plants, so they will branch out and make more blooms.

July 21 Letter from Cpl. David today, saying he will be home on another furlough on August 3. Says he told the captain he had to go home and look after the crops. At any rate, he will help devour them when he gets here.

July 22 Some more rain, and only work job was carry garbage back to the compost pile. That pile, back beyond the bushes, may look dismal to you. But to me, it is a thing of beauty, comfort, and satisfaction. I really have two piles. On one, I'm putting the new refuse of summer. The other, old one alongside, has now rotted down to where I could get out 12-15 wheelbarrow loads of black, rich humus. This is good for what ails the soil.

Stopped to look at my new rose bed on the way back. Siren, the bright-red new floribunda, looks like one of the best in years. There are lovely blooms on Confidence. And Pageant, a bicolored red and gold, has been doing well.

Best yellow at the moment is Buccaneer. Also smaller yellow flowers on Lydia, new this year.

July 24 Guess I'm getting childish. Just like a kid, impatient and can't wait. When I went out to work, took my spade to the main vegetable garden. Dug one plant of sweet potato, where the vine was growing vigorously. Nary a potato big enough to eat. Dug a potato hill. They're about the size of bullets. Two plants wasted to satisfy my curiosity.

July 25 Our wild blackberries are ripe, and I went forth to pick. Carried down the first quart to home of neighbor George and handed it in the back door to Justine, one of the daughters of the household. She had brought up some of George's red raspberries to us the other day. I invited her to come over and pick all the blackberries she wanted.

July 27 Thinking about David getting home before long, I went out and started several jobs in the hope that when he sees them begun, he will want to carry on.

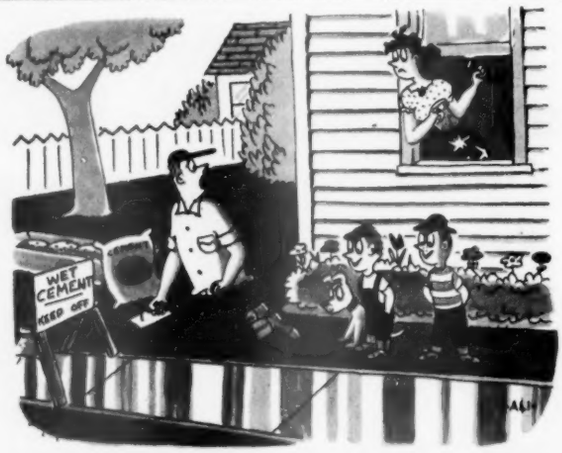
July 31 This month ended in a fruitful manner, with some timely chores done. Cultivated the mums again. Gave part of the roses another application of plant food, by

Black spot and mildew crept into my roses while I wasn't looking. Gave them the works with my new dust gun

scattering it on the ground around the bushes, with a trowel. Quit early, and after supper went down to visit Donald. Janet told us she had cooked the first sweet corn of the year, and it wasn't much. She had pulled it too early.

"I wish, Dad, you had brought us some of those green peppers," said Janet. Dearie me. Maggie had some all picked to bring, and we had forgotten them!

News note. California Fuchsia Society holds its Midsummer Shade Plant Show, July 31-August 1, at Hollywood Turf Club, Inglewood, California.



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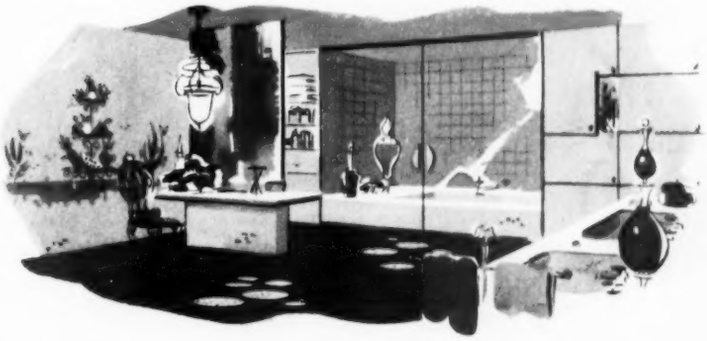

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NEW HOPE in the war against CANCER

Once a year, the American Cancer Society takes leading science writers on a tour of research laboratories, universities, and hospitals across the nation. This year, more than 120 scientists reported progress against cancer. A *Better Homes & Gardens* writer was there to summarize what look like promising developments in cancer research

By John Geiger

Medical science is closing in on cancer. A look at the best and newest reports from researchers makes that clear.

It is equally clear there is no certain, sure-fire cancer cure. None is likely in 1954—and no one can guarantee 1964.

But this year's communiqué from the front lines of the cancer war shows much ground has been gained. There is fresh hope and real progress—and more lives can be saved. Here is the 1954 battle picture:

There are new, more accurate ways to detect this silent killer early, even when it is hidden, pin-point size, inside the body.

When cancer is caught early, some forms *can* be cured by surgery or X-ray. This year, there is better use of these twin weapons, even against advanced cancer.

A new arsenal of drugs and hormones is being moved into action, with increasing success. So far, these chemical weapons check the disease only temporarily. But they have prolonged lives for months and sometimes years after all other hope had been abandoned. Some distinguished scientists think we are on the threshold of a great break-through: the discovery of permanent anti-cancer drugs.

Finally, scientists are beginning to find the answers to the great questions at the heart of the cancer mystery: What is cancer? How does it start? How does it differ from normal tissue? How can it be attacked?

The first phase of the cancer fight is detection—finding the disease early, even before clear symptoms appear. Here are the highlights:

An atomic eye finds brain tumors in the Boston clinic of Drs. Gorden Brownell and William H. Sweet. They inject a mild dose of radioactive arsenic, which collects in cancer tissue. A few hours after the injection, the patient lies down. Two extra-sensitive radiation detectors rove systematically about his skull. Every time they spot abnormal radiation, an automatic pencil plots its position on a chart of the brain. In two hours, without ever opening the skull, the doctors have an accurate map of the cancer's size and location, making surgery far easier.

Breast cancer now claims 21,000 lives a year. That number could be cut in half if tumors were found earlier. Drs. Ira Nathanson and William Baker of Massachusetts General Hospital do just that by injecting a tiny, harmless dose of radioactive potassium into the veins of patient suspects. The chemical collects in cancer tissue: If there is a tumor in the breast, the potassium rushes there and sends out rays like a warning beacon to doctors scanning the surface with Geiger counters.

This technique catches 8 out of every 10 breast cancers now, the doctors say. It also helps show if a lump in the breast is nonmalignant, thus sparing the patient a disfiguring operation.

Remote-control biopsy is finding silent stomach cancers that escape the diagnostic X-ray film. In a test that is especially important to men over 40—the chief victims of stomach cancer—Dr. Cyrus Rubin inserts a long, thin tube into the stomach through the mouth. Built into the tip of the tube is a tiny, shielded needle that can be operated from outside to snip off a little piece of stomach tissue for examination.

It's uncomfortable, but not painful, and microscopic study of the tissue sections often reveals stomach tumors in time to remove them safely.

Twilight cancer is a halfway point between health and malignancy in the cells of the uterine cervix, or tip of the womb. If normal tissue undergoes a long, slow change before becoming really cancerous, doctors will have a long head start toward prevention.

Dr. Russell de Alvarez of the University of Washington finds this early, twilight cancer by removing a tiny piece of cervical tissue with a hollow needle and examining it under a microscope. He tried this simple, painless biopsy technique on 954 women once [*Turn to next page*

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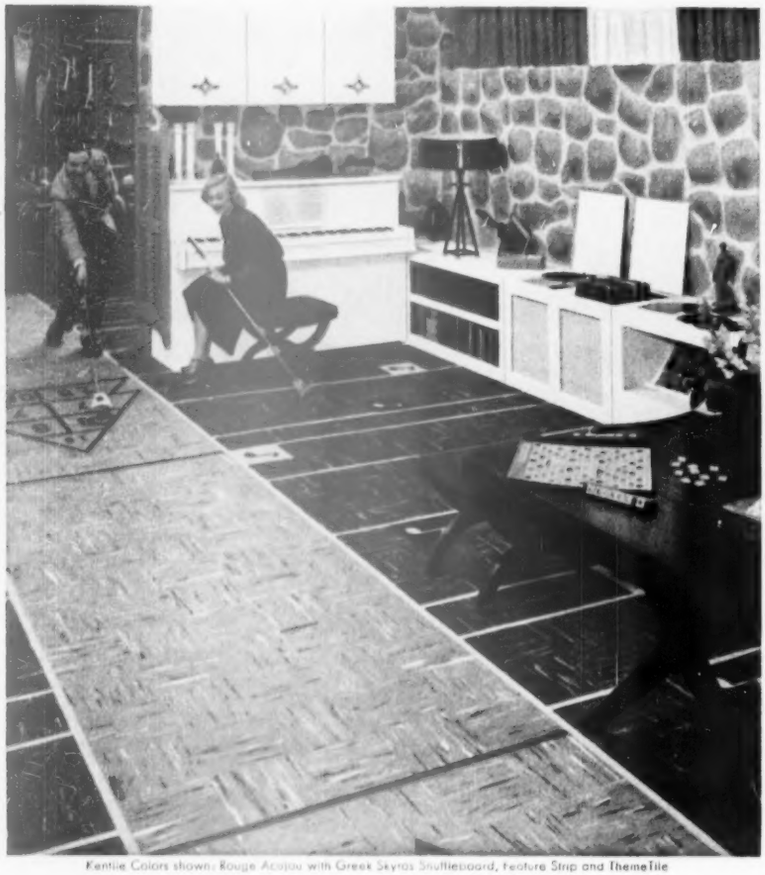

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New hope in the war against cancer

Begins on page 23

a year for four years. In every third case, he found abnormal cell growth, called metaplasia. And some women—in this 33 percent only—developed cancer.

He believes real cancer can be prevented by cutting out the tiny piece of the cervix that has metaplasia. This can be done by local surgery or cauterization in a doctor's office. It does not interfere with subsequent childbirth.

A blood test for cancer is in the final stages of development at the University of Southern California. The product of 10 years' research, it has been tried on more than 10,000 patients with steadily increasing accuracy. Now, Drs. Andrew Dowdy and H. S. Penn of the University of Southern California report, it is ready to be tested on a larger scale in hospitals and cancer clinics.

The blood test's big virtue is its simplicity. A thimbleful of the patient's blood is extracted, and the blood serum is separated. Then a few crystals of a chemical derived from bile acid are dropped into the serum. If the mixture remains cloudy, all is well. If a film of solid particles floats to the surface, cancer might be indicated.

So far, the test has been more than 90 percent accurate—almost as good as the Wasserman blood test for syphilis. But it still has some bad wrinkles. It misses some cancer cases. Even worse, it shows positive or "cancer" readings in the presence of some noncancerous diseases like arthritis or tuberculosis.

The California scientists believe they are on the trail of a way to screen out these misleading false positives. Until they do, however, their highly promising test will not be publicly available.

Cancer specialists believe these new diagnostic aids are of enormous importance. None of them fight the disease directly. But they do save time—and time is cancer's greatest ally.

The real front line in the cancer fight is treatment of the patient. In the last 12 months, doctors have found new ways to control—but not cure—the disease in its late and worst stages. In many cases, they have banished pain and sent cancer-stricken patients home to their families for extra months and years of fairly happy life.

In a few remarkable, baffling cases, they have wiped out all evidences of the disease. No one knows why the cancer disappeared, so no one claims a cure.

Doctors do not call cancer's disappearance a cure unless there is no evidence of disease for at least five years after treatment. Even then, they caution, there is some chance that a tumor may appear later. It's an essential point to remember when reading about any cancer treatment.

These are the most exciting, hope-laden results. They show that science has found not one but many roads to eventual victory over malignancy.

Leukemia, which strikes hardest at young children, is perhaps the greatest heartbreaker among all cancers. Its victims grow progressively frailer and weaker, and death is almost always certain.

Yet, leukemia may be the first cancer to be conquered outright by chemicals. Doctor Farber has made great strides in this direction with a one-two-three punch aimed at the leukemic-cancer cell.

First he starves it by giving the children aminopterin or related drugs that block the cell's use of the folic-acid vitamin.

When the leukemia becomes resistant to this treatment—and it almost always does—he switches to cortisone and ACTH. Finally he tries the newest "punch," a drug called 6-mercaptopurine and which interferes with the leukemic cell's metabolism and reproduction.

One little boy, first treated at 7, is now a husky 14-year-old. He still has cancer, but it is under control. In most cases patient, persistent treatment gives about two extra years of life.

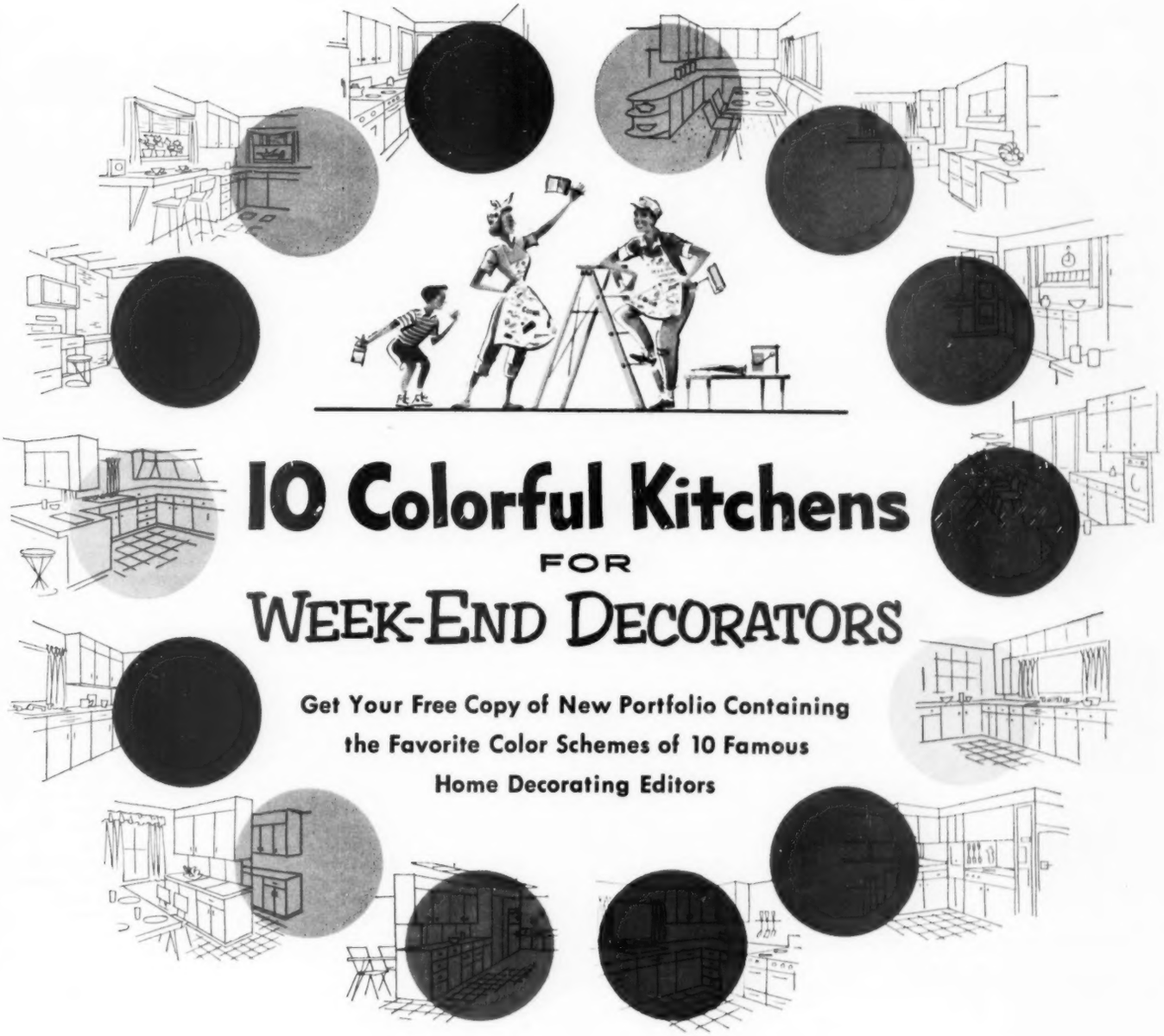
Fresh hope of eventual lifelong protection against leukemia comes from Yale Medical School, where Dr. Arnold Welch has found another new drug, 6-azathymine, which might bore into the cancerous white cell and disrupt its metabolism from within. The exciting clue: There is evidence that leukemic cells might *not* become resistant to this compound. It is being tried on mice, with human tests scheduled next year.

Leukemia, in a slightly different form, strikes adults too. Usually, these patients are treated with big doses of chemicals and X-rays during acute periods, then sent home until they have a relapse. By treating these patients with smaller but much more frequent amounts of X-ray or radioactive phosphorous, Dr. E. E. Osgood of the University of Oregon has doubled their survival time. This steady, relentless pressure was applied to leukemia affecting 163 adults. Forty-eight are still alive; the average survival time for the whole group was close to five years. And the patients have been able to hold their jobs and carry on normal lives 85 percent of the time.

Malaria drugs are proving potent new tools against two kinds of cancer. One such chemical weapon is called Daraprim. Tablet for tablet, it is 10 times more effective than any other agent against malarial parasites in the blood stream.

Now Drs. John W. Frost and Ralph Jones, Jr., report that they have tried Daraprim on six patients with polycythemia vera, a blood cancer in which the red blood cells multiply wildly. Eventually, the

[*Turn to page 26*



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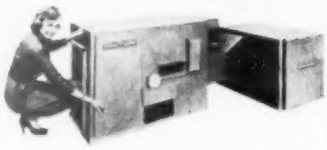

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New hope in the war against cancer

Continued from page 21

blood becomes viscous, clots readily, and leads to dangerous "strokes."

After one year of Daraprim treatment, the doctors say, symptoms of the disease have been erased. There are no undesirable side effects, and an accidental overdose can be corrected easily by administration of a vitamin, folic acid.

Another group of malaria-fighting compounds, with the jaw-breaking chemical name of dihydrotriazenes, shows exciting activity against leukemia, cancer of the white blood cells. Dr. Sidney Farber and his colleagues at Harvard Medical School are synthesizing new variants of the chemical, hoping to find one with long-lasting effect.

Hormones and X-rays, mixed in a new treatment recipe, have done wonders for women doomed by advanced breast cancer, recurring after major surgery and other forms of therapy had failed.

Drs. Ian McDonald, Pierre Haig, Lewis W. Guiss, and Sidney Zucherman described the effect of the new mixture on 58 such patients over the last 8 years. Hopefully, 31 are still alive. Even more important, the treatment has for long periods brought blessed relief of pain and weakness to most of these survivors. One woman is now in her eighth year of treatment. She has few if any signs of cancer, and she is leading a happy, active life, the doctors said.

The women get weekly doses of male sex hormones, long known to fight some breast tumors. In addition, they get X-ray treatments. But instead of the massive X-ray doses usually employed, the Los Angeles team aims its X-ray beam at the tumors only once or twice a year. If higher doses are used, the patients get worse instead of better.

It may be that "just a touch" of X-rays makes the cancer cells more than usually vulnerable to the hormone action. Following up this lead, Doctor McDonald and his colleagues are trying the same recipe on 12 women with early breast tumors.

After three years, only one is dead. Two still have symptoms. But the other nine seem to be totally cancer-free. It is too soon, as yet, to say that this victory is certain. Until more reports, the hormone-X-ray mixture will be experimental.

Big Bertha X-ray cannons that fire a 2-million-volt beam are helping men with advanced lung tumors and cancers of the larynx, or voice box.

Dr. John G. Trump of the Massachusetts Institute of Technology told science writers he fired the deep-penetrating, very powerful beam at 23 lung tumors. Five of them shrank. He tried it on 18 cases of laryngeal cancer—and it has controlled or eradicated the tumors in all 18 for periods as long as four years.

There are only a few 2-million-volt machines in the United States today, though more are under construction. Their rays can be sharply focused, doing less damage to healthy tissue near tumor sites.

Old cornhusks, oat hulls, and even peanut shells are new raw materials in the chemical fight against cancer. From these sources, Dr. Arthur Furst has extracted chemicals called furans. Because they are harmless to normal tissue, he fed them daily to mice of a strain that usually develops spontaneous breast cancers.

The cancer incidence dropped 80 percent. It was even lower in the next generation. And the third generation—even though it received no furans—developed no cancer at all. Now chemical variants are being screened for human tests.

The greatest cancer fighters among chemicals are two compounds called (for short) TEPA and MEPA. They were derived from a parent chemical once used to put a smoother finish on rayon textiles. These drugs are still experimental, but some distinguished scientists believe that someday soon they will be hailed as great landmarks in the cancer struggle.

Drs. Charles Church and Moses Crossley tried MEPA on 14 cancer-riddled patients who had, at best, only a few weeks or months to live. One was a 55-year-old man with a fast-spreading lung tumor. He was given only four months to live. This is his thirteenth month of bonus life.

His tumor is still present, but it is 35 percent smaller, and it shows no signs of renewed growth. All the other patients showed temporary improvement, too, but eventually they succumbed.

MEPA seems to inhibit cell division, Doctor Church said—and cancer is a disease in which a cell runs wild, dividing and growing endlessly. The drug also gave relief of pain, within 24 hours, to victims of breast, stomach, uterus, or lymph-gland cancers.

Harvard researchers tried TEPA against melanoma, the deadly "black cancer" of the skin. The patient, a dying man, had six tumors. The drug gave him an extra year of life.

Because this series of patients is so small, the Rutgers and Harvard scientists emphasize that they can draw only tentative conclusions about the long-range merit of these drugs. But somewhere in this field—perhaps in a chemical cousin of TEPA or MEPA—a mighty, long-lasting weapon may be found.

The body's boss gland, the pituitary, secretes a hormone that seems to be essential for some kinds of cancer growth. Dr. Clark Griffin demonstrated this by removing the

[*Turn to page 111*

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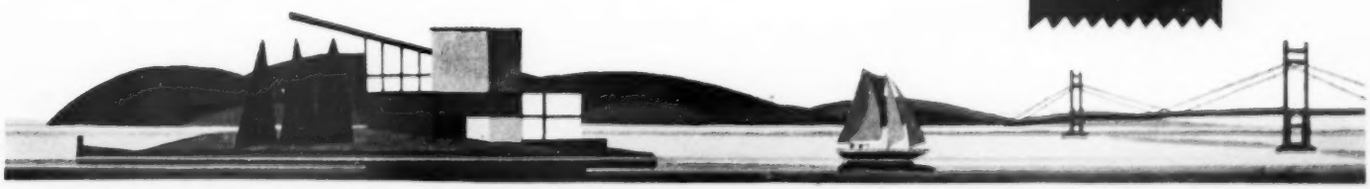

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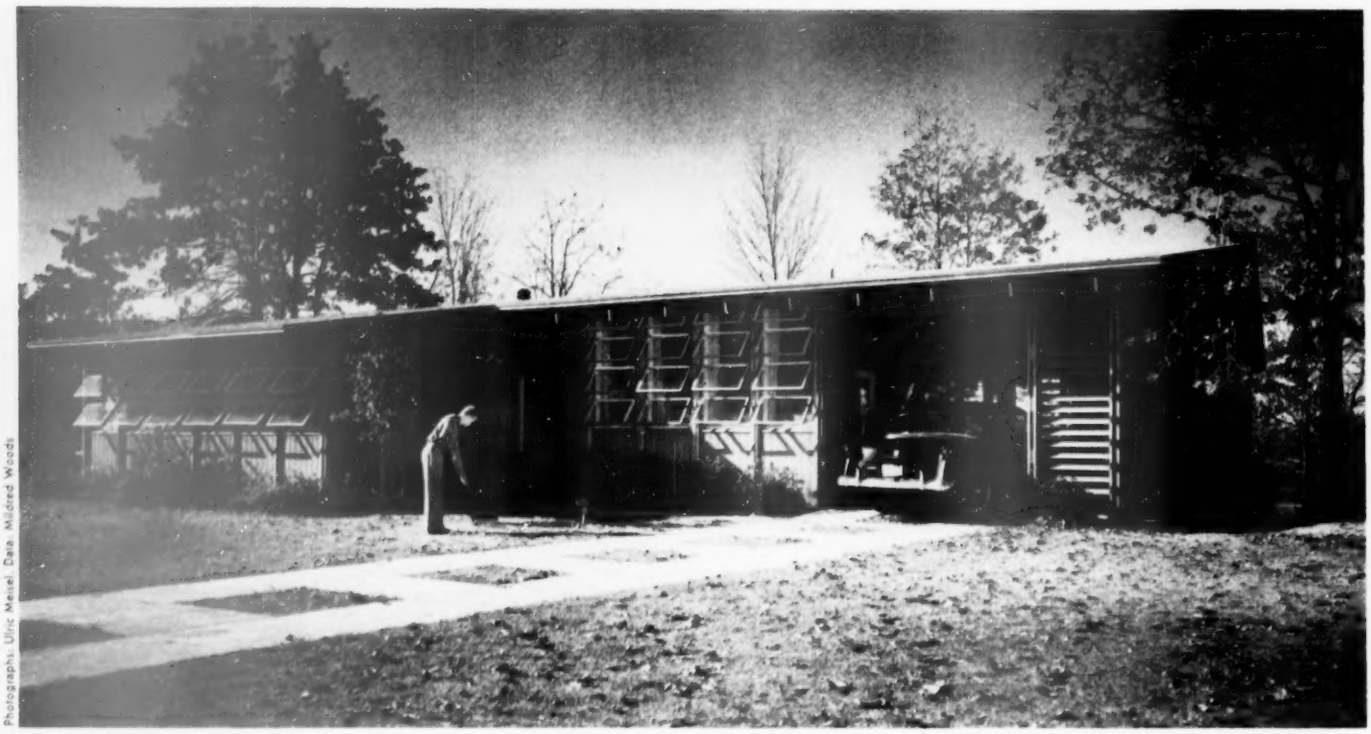
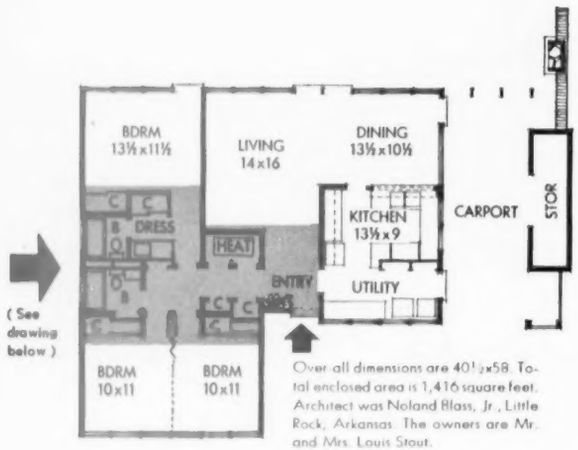


Photographs: Ulric Meisel, Data: Mildred Woods

Exposed roof rafters and awning-type windows add variety and depth to front. Wide overhang shades glass, shelters walk from carport to door

Five Star Home 2407 answers—

Just what is a good house?



Over-all dimensions are 40½x58. Total enclosed area is 1,416 square feet. Architect was Noland Blass, Jr., Little Rock, Arkansas. The owners are Mr. and Mrs. Louis Stout.

Cross section shows storage gained over area shown in red on plan above. Heating and cooling ducts are concealed here, too. Lowered ceiling makes cove lighting possible

By John Normile, A.I.A.

There are picturesque and dream-drenched definitions of a good house. But better, there are *actual* houses that are definitions in themselves—like Five Star Home No. 2407.

A good house is tranquil and easygoing

There's a feeling achieved by good design, planning, and selection of materials that encourages informality and friendliness. Here, Architect Noland Blass, Jr., of Little Rock, Arkansas, has used glass generously on all rear-facing rooms to bring in the quiet, natural beauty of the outdoors. The soft colors and textures inside are set off by cove lighting and natural-wood paneling, and by the open ceiling that follows the slope of the roof.

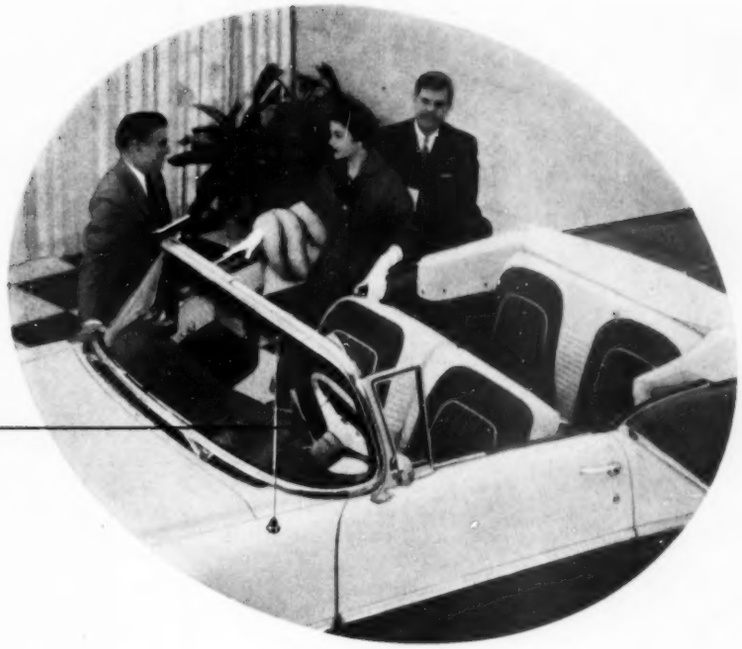
A good house is well planned

The living area is placed where you have view and privacy, where it isn't a corridor to other rooms. And note the kitchen-and-utility room here, an area just 13x15. You have four features in addition to what you usually find in this space—a breakfast bar, a pantry, a pass-through, and storage for occasional-use or formal table settings. Doors from the carport, the entrance hall, and the dining area open to this kitchen-and-utility room. The entrance area is centrally located, serving sleeping, living, and service zones equally well with separate access to each. [*Turn to page 134*

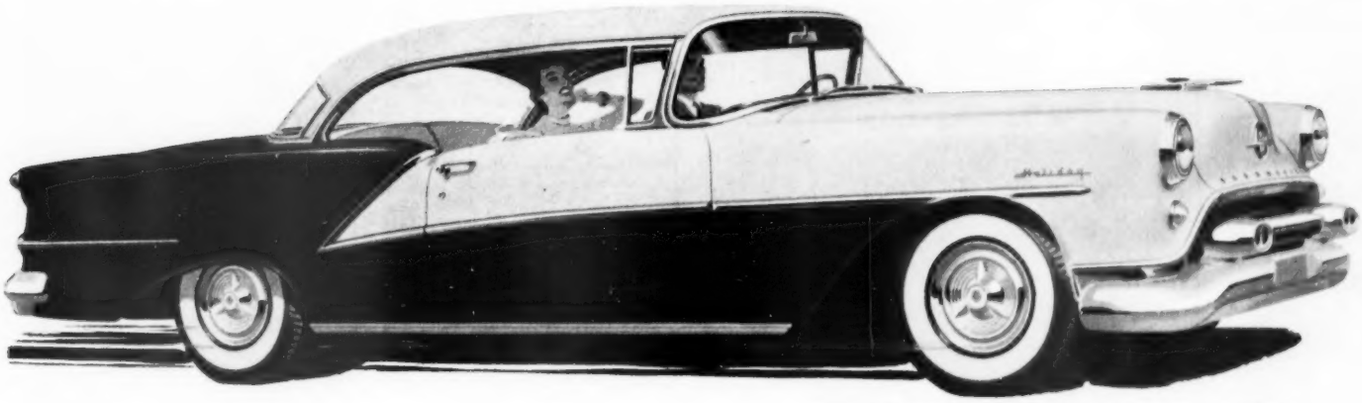
TAKE

THE

WHEEL



this dream is real!



NINETY-EIGHT DE LUXE HOLIDAY COUPÉ. A GENERAL MOTORS VALUE.

You can't help wanting to just stand and admire it. But this dream's designed for driving—the new Ninety-Eight is waiting for *you* to take to the road! So slip into the rich comfort of that Custom-Lounge interior. Swing your eyes around the broad sweep of that panoramic windshield. Touch off that mighty 185-horsepower "Rocket" Engine—and feel how solidly this dream holds the road. How easily it handles! How nimbly it moves! Look over . . . take over the new Classic Ninety-Eight at your Oldsmobile dealer's soon.

WORLD'S RECORD "ROCKET"

OLDSMOBILE

Ninety Eight

"Be careful—drive safely!"

"Julienne" Strips do great things for Tossed Salads!

MIRACLE FRENCH—robustly seasoned with onion and garlic—is a special favorite with men. For easy variety in your salads, it's a good idea to keep all three Kraft Frenches on hand.

KRAFT FRENCH is creamy-thick so it doesn't separate. Mild enough for children yet pleasing to grownups, too, it is far and away the most popular French dressing ever offered for sale.

NEW CASINO—sweet, with a tang—has a touch of garlic, too. It takes *twelve* different seasonings, in most precise proportions, to get the smooth, full-bodied flavor of Casino.

Bet you'll like a Kraft French Dressing even better than your own!

HOW-TO

for the handyman

Inverted drawer pulls on inside of drawer fronts are excellent storage containers for tiny items like paper clips, rubber bands, thumbtacks, small screws and nails, and odds and ends. With short screws, fasten them to desk, cupboard, kitchen, or workshop drawers. These pulls can be quickly removed—or relocated—if it's necessary

Phil McCafferty
El Paso, Texas

Clean a paintbrush thoroughly after using it, by spinning out the oil or turpentine with your power drill. Hole for small bolt goes through brush handle at balance point.

Tighten nut to hold brush on bolt, shank of which is locked in the drill chuck.

Spin the brush inside an old basket, a bucket, or a box to avoid any messiness.

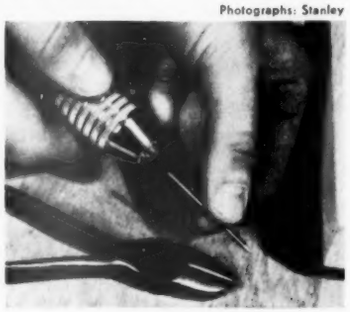
D. M. Cresap
Portland, Oregon

Photographs: Stanley

Emergency bit for small drilling jobs is quickly made by clipping off the head of a nail and chucking it into the drill like regular bit.

Small finishing nail is best, and either end cuts a quick hole. Use this stunt whenever boring holes for brads or small finishing nails in hardwood or hardboard, too.

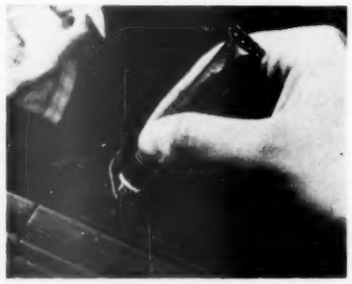
J. W. Schwartz
Ames, Iowa



Scratches disappear from mahogany and walnut furniture when they are colored with burnt umber. Let the color set for five minutes.

Then wipe and polish with a clean, soft rag. Finish job with touch-up of varnish, sanding it smooth. Wax.

D. E. Plummer
Denver, Colorado



More on page 32

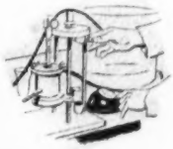
SWP HOUSE PAINT Real "Life Insurance" For Your Home

It pays to be "choosy" when you select the *brand* of house paint to be used on your home. Whether you employ a painting contractor or not, the price difference between world-famous SWP® House Paint and house paint of ordinary quality will mean less than $5.00 for the average-size, complete house job. This slight difference in cost pays for years of extra wear and is one of the wisest economies you can make.

In 1953, Sherwin-Williams SWP House Paint was used to paint more homes in America than any other brand. Why? Continuous research in Sherwin-Williams Testing Laboratories and in the field has insured constant improvement and the top-quality performance of SWP. You'll be money ahead when you discover there *is* a difference in house paints!

Tested for Your Protection . . . A most exacting procedure of quality-control testing through every step of manufacture, from raw materials to finished product, assures maximum beauty and protection in SWP House Paint. Laboratories in every Sherwin-Williams factory are charged with the responsibility of absolute quality control of every gallon produced.

White and Colors That Last . . . All over the country, in all climates, Sherwin-Williams maintains test stations where house paints of every type and description are exposed to years of weather and wear. SWP white that stays *whiter* and SWP colors that maintain their brilliance are the direct result of this painstaking research.



Ease of Application Assured . . . Invented by Sherwin-Williams Testing Laboratories, this instrument, known as the High Shear Viscometer, is an extraordinary development which makes possible the scientific measurement of the brushing qualities of paint. This testing procedure has made possible the superior brushing qualities in SWP House Paint which insure remarkable ease of application.

The Sherwin-Williams Co.
1232 Midland Building
Cleveland 1, Ohio
Please send me your *free* booklet, "The Home Decorator".

Name _____

Address _____

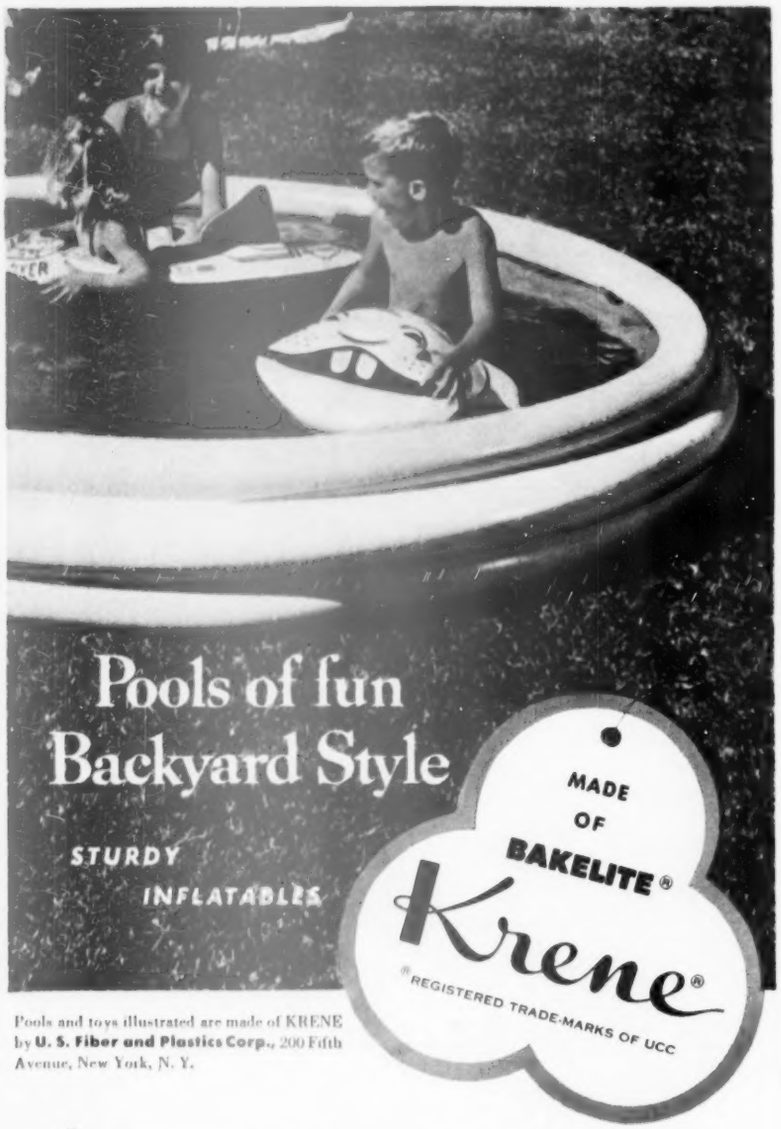
City _____ Zone or R. R. _____ State _____

Let us recommend a reliable painting contractor

Go to the store that displays this famous trade-mark . . .

SHERWIN-WILLIAMS HOUSE PAINT

ON TV . . . TUNE IN THE SUPER® KEM-TONE SHOW, STARRING RAY BOLGER . . . ABC NETWORK EVERY WEEK



Pools and toys illustrated are made of KRENE by **U. S. Fiber and Plastics Corp.**, 200 Fifth Avenue, New York, N. Y.

Out in the air—under the sun—into cool, clear water! This wonderful summer recipe is yours with a pool made of KRENE in your garden! And KRENE is just as durable as it is handsome. Strong and tough—resistant to ripping, fading, cracking!

Made by Bakelite Company, leader in the field for 43 years, every phase in the manufacture of KRENE is carefully controlled to assure best results. When shopping for a wading pool...for rainwear, baby needs, luggage...be sure it's labeled "Made of KRENE." A good guide to better buying, at better stores everywhere.

BAKELITE COMPANY, *A Division of Union Carbide and Carbon Corporation* UCC
30 East 42nd Street, New York 17, N. Y.

How-to for the handyman

Begins on page 30

Clamp big glue jobs between the end of the sliding jaw of your metal vise and a block of wood fastened to the workbench table when a bar clamp isn't handy. Scrap of wood on end of job keeps it from being marred by end of jaw slide. Raise work up to proper level with a scrap of wood under it, on bench, if it's necessary

E. C. King
Sun Valley, California

Calking lines look rough? Smooth out fresh ones with a small piece of scrap wood beveled slightly on one end to make a "trimming" edge.

Or use clothespin broken in half. It's already beveled. Cut to fit width of line.

Water keeps it from sticking to the calking compound, so moisten the end often to get best results.

E. D. Marks
New Orleans, Louisiana

Wrap paintbrush in plastic screening after cleaning it, to keep the bristles properly formed while drying.

Screening lets air get to the bristles, eliminating any moisture and mildew.

Paper wrapper the brush came in when it was new makes pattern to cut the screening. Use a rubber band to hold it on the brush.

S. D. Foster
Midland, Michigan

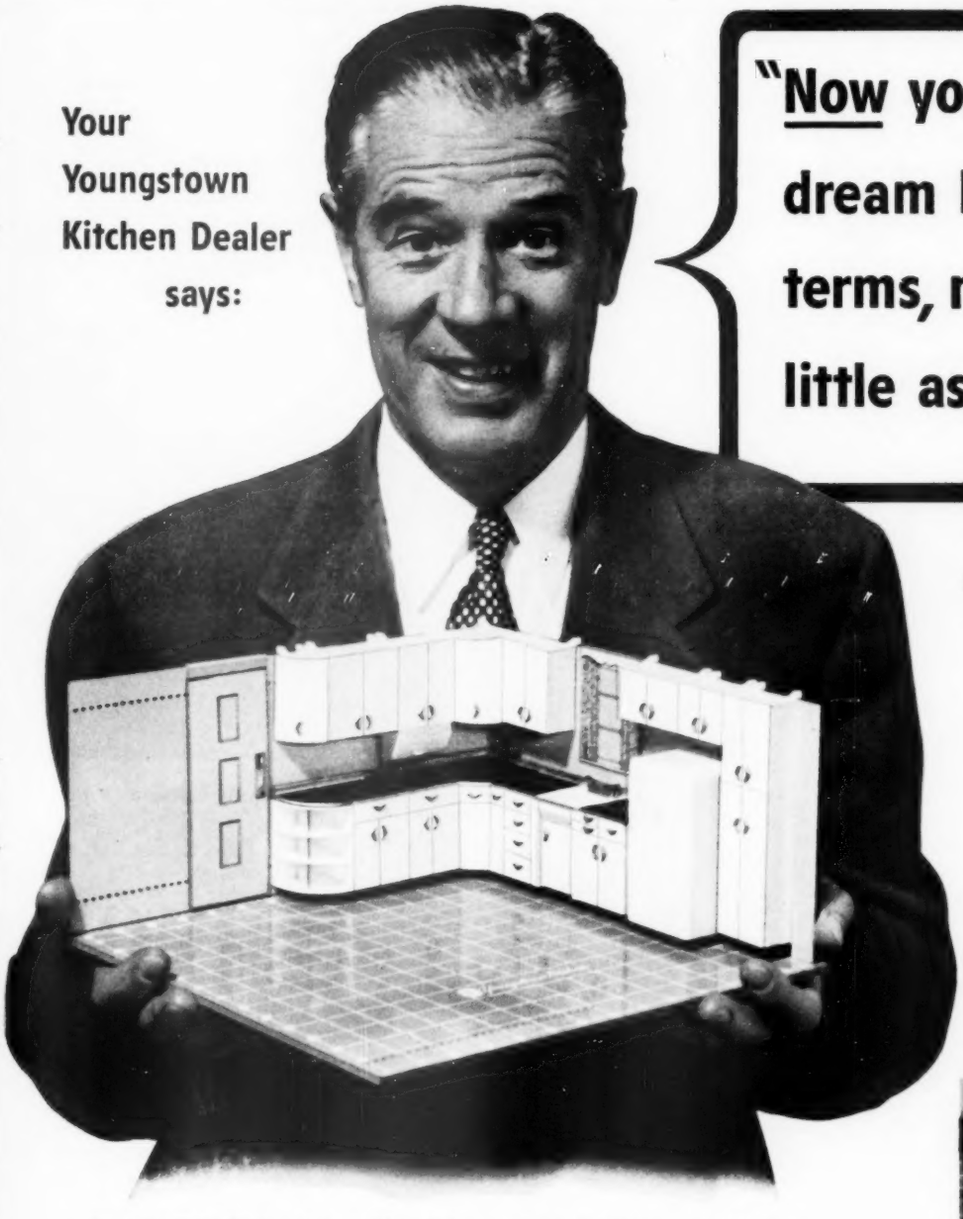
Get angles right, at any angle, by applying the miter gauge off your power saw. It acts as an adjustable bevel gauge, and it's accurate.

First set the calibrations on the gauge to angle you want; invert it, and run the face of it along the edge of the stock. Use the guide bar for marking, as pictured.

R. L. Morse
Miami, Florida

More on page 35

Your Youngstown Kitchen Dealer says:



"Now you, too, can own a dream kitchen... under F.H.A. terms, no money down, as little as $2.25* a week."

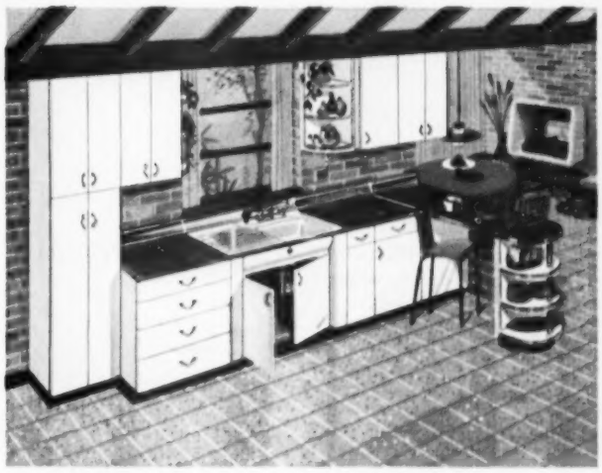
"And we'll actually build you an exact scale 3D model in advance!"

Let us show *you* how you can start enjoying a glamorous new Diana-style Youngstown Kitchen *now*. Yes—for as little as $2.25 a week.

This new, streamlined Youngstown Kitchens way, you start with a Diana ensemble sink, actually custom-planned to your own individual needs. Then, from a wealth of advanced new base and wall cabinets, you plan the rest of your kitchen. And when you're done, you find you have *more kitchen features than ever before in any given space.*

Whether your home is old or new, a Youngstown Kitchen will make the kitchen its brightest, most glamorous room. Let us show you how, with the Min-A-Kitchen. Come in.

—YOUR YOUNGSTOWN KITCHEN DEALER



This Youngstown Kitchen "has everything." Includes three large wall cabinets, four base cabinets, broom (or linen) cabinet, breakfast bar, 42-inch Diana ensemble sink with drainboard left. Cost per week, only **$6.34***

Expert, Free Kitchen Planning—Using the Min-A-Kitchen, your Youngstown Kitchen dealer will help you plan a Youngstown Kitchen in exact scale. He'll also help you choose the financing plan best for you.

STEEL Youngstown Kitchens

MULLINS MANUFACTURING CORPORATION • WARREN, OHIO

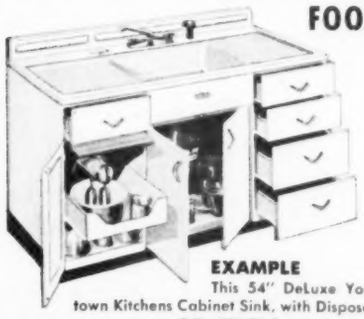
World's Largest Makers of Steel Kitchens

Cabinets of steel for lasting appeal *F. H. A. terms. Plus installation.

NOW'S THE TIME TO BUY YOUR CABINET SINK! AND GET THIS YOUNGSTOWN KITCHENS FOOD WASTE DISPOSER

for only

$29.95** EXTRA



EXAMPLE
This 54" DeLuxe Youngstown Kitchens Cabinet Sink, with Disposer . . .
ONLY **$1.73*** A WEEK

. . . when you buy: 48", 54", or 66" DeLuxe model Youngstown Kitchens Cabinet Sinks; 24", 36", 42" twin-bowl, 42" with drainboard, or 42" with deep bowl Diana ensemble sinks; or 27" or 48" Jet-Tower Dishwasher. Offer expires September 30, 1954.

**Regular $94.50 ($99.50 West and South). (Prices slightly higher in Canada.)

FOR NAME OF YOUR NEAREST DEALER, consult the yellow pages of your telephone directory under "Kitchen Equipment—Household," or "Kitchen Cabinets," or call Western Union, Operator 25.

Youngstown Kitchens, Mullins Manufacturing Corporation
Dept. B-754, Warren, Ohio

Please send newest kitchen-planning decoration ideas. I enclose 10¢ to cover the cost of mailing. (No stamps, please.)

I plan to build a house ☐ I plan to buy a house ☐
I plan to modernize ☐

NAME (Please print) _____

ADDRESS _____

CITY _____ ZONE _____

COUNTY _____ STATE _____

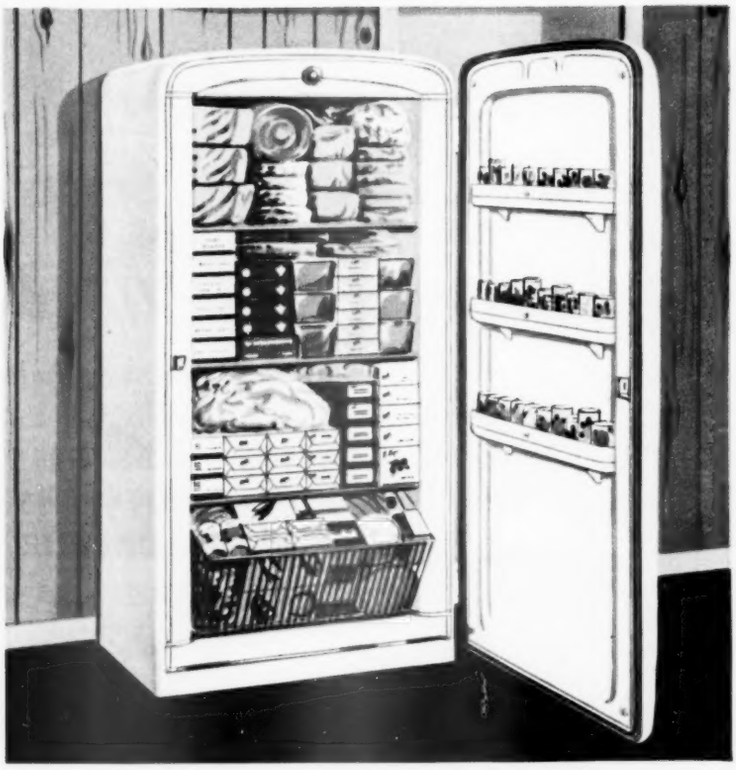
© 1954 Mullins Manufacturing Corporation

ONLY with Gibson Refrigerators • Touch-A-Tap to provide running ice cold drinking water • Built-in flowing-water ice cube tray filler—no water to carry • New Bacon Conditioner • Swing-Out Servers • No defrosting.

ONLY with Gibson Air Conditioners • Ozone Lamp for fresher air • Full inch-thick filter for clean pollen-free air • Cools *and* heats fresh air, gives draft-free circulation • Models for every room size, every purse.

Look what you get only with GIBSON

ONLY with Gibson Electric Ranges • Tel-O-Matic Control takes the mystery out of 5-way automatic cooking • Ozone Lamps remove cooking odors • Ups-a-Daisy Deep Well Cooker usable for deep frying or surface cooking.



ONLY with Gibson Food Freezers • Stay-Packt Shelves keep food in place, prevent spilling when door is open • Tilt-Out Bin stores bulky packages. Door Shelves give easy access • Automatic Temperature Controls.

See your GIBSON Dealer now ®Gibson Refrigerator Co., Greenville, Michigan

In Canada—Gibson Refrigerator Company of Canada Limited, Montreal, Quebec

How-to for the handyman

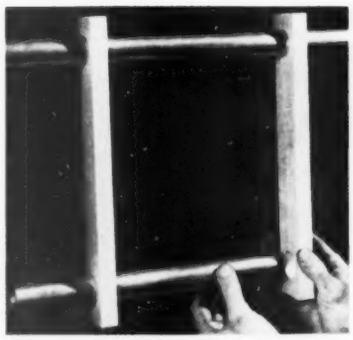
Continued from page 32

A disposable mixing container for small quantities of glue and paints is quickly formed with heavy aluminum wrapping foil. First cut the foil in a square shape.

Then crimp up the ends to make a "box." Liquid can't leak out the corners if the excess foil from the ends is wrapped around the sides.

When you have finished the job you're working on, just throw container away.

H. E. Miller
Jackson, Mississippi



Closet hanger rod which your children can reach is easily assembled with short length of rod or pipe and several scraps of 1x2 lumber.

Center and drill holes in end of stock to fit rod, cut to the desired length.

Slip the stretchers over the original rod first, and then thread shorter rod through the holes, as pictured.

Cleone Cochran
Pegram, Idaho

Outsize plywood square carries on for regular square when the job is too big and the metal square won't extend across the lumber for accurate measurements.

Make it out of ¼-inch plywood scrap, with the tongue 4 feet long and the blade 2 feet in length.

Use a framing square to check its accuracy.

Ed Porter
Rochester, New York

Take out small screws in a hurry with an improvised screwdriver made from discarded coffee-can key.

Gloves will protect your hands while you unwind the metal strip from it.

Bevel the end of the key slightly with your file to fit the screws you want to turn. If key bends under pressure, use pliers to straighten.

James Palmquist
Omaha, Nebraska

▶ Send your original handyman tips (photographs are not necessary) to Home Maintenance Editor, 6707 Meredith Building, Des Moines 3, Iowa. For each accepted, *Better Homes & Gardens* will pay $5. All will be considered carefully, but those not accepted cannot be returned.

It would have been just another house but...

we gave it *Character* with a roof of Johns-Manville Asbestos Shingles

Weathered Green Blend

Silver Gray

Touraine Red Blend

Why not enjoy a roof of beauty that will last a lifetime? These J-M American Colonial Asbestos Shingles are not only as permanent as stone, but have character and beauty not found in other types of roofing material. With their deep-grained texture and interesting horizontal shadow lines these shingles lift any house out of the ordinary. And, because they are made of asbestos and cement, they are rigid, rotproof and fireproof.

You have a choice of colors and blends selected by outstanding architects to harmonize with popular colors of sidewalls and trim. Ask your building materials dealer to show you the complete line of J-M American Colonial Asbestos Shingles. See how inexpensively you can enjoy the beauty, safety and economy of this *permanent* type of roof.

Send For Free Booklet showing all the colors of American Colonial Shingles. Mail coupon to:
Johns-Manville, Dept. BH-7, Box 60,
New York 16, N. Y.
(In Canada, write 199 Bay Street, Toronto 1, Ont.)

Name_____
Address_____
City_____
County_____ State_____

Johns-Manville

"Be careful . . . drive safely"

just goes to show

No question about it. When it comes to far, far advanced styling of the kind that sets the trend for years to come, GM cars are in a class by themselves.

For instance — this panoramic windshield — an exclusive General Motors design — is as revolutionary a style concept as was the idea of the hardtop itself when General Motors designers first introduced it to the American public.

But there's more to a GM car than looks alone. There are the proved performance of GM high-compression engines — the smoothness of GM transmissions in traffic, on hill or highway—the buoyant bounty of a General Motors ride. There are such GM features as Safety Power Steering, Power Brakes, the Autronic Eye.

All of which just goes to show you that you'd better let your nearest dealer demonstrate exactly why the key to a General Motors car is sure to be your key to greater value.

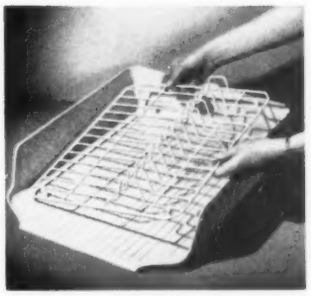
GENERAL MOTORS

leads the way

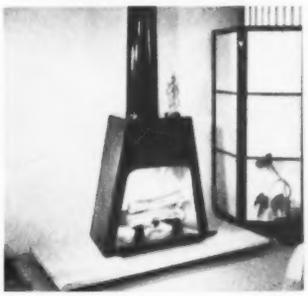
CHEVROLET • PONTIAC • OLDSMOBILE • BUICK • CADILLAC

All with Body by Fisher • GMC TRUCK & COACH

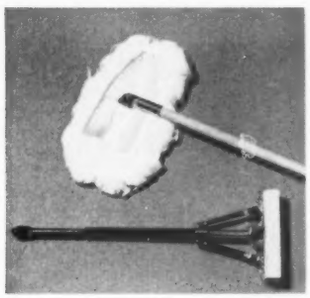
It's NEWS to me!®



High-wall drainer is as convenient as a second sink. Keeps the water from splashing when you rinse dishes in rack. Rubber "sink" is impervious to hottest water. Insert dish racks are available to fit the drainer. *Hi-Wall Dish Wash Drainer*, $3.98; *Platform Plate Rack*, $1.98; in stores. Pretty Products, Inc., Rubberware Park, Coshocton, Ohio.

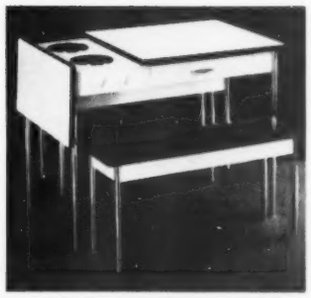


Freestanding fireplace can be installed at low cost in new or present homes. Several styles available that are suitable for a variety of settings. For example, the black iron fireplace illustrated stands on a slab of flagstone (not included). Designed by S. and W. Wilde. *Space-Planner Fireplace*, approximately $142.50. Space-Planner Co., 155 N. Main St., Tucson, Ariz.



Mop up your cleaning in no time with these two superhelpers. Dust mop has a new way of switching around the floor because the nylon pad is mounted on a swivel. Moves around corners, flattens out under low furniture, twists and turns to reach hard-to-clean places. Short-handled sponge mop is a junior squeeze-dry sponge. This is the right size for washing down walls and cabinets (with an extension handle), to reach into the bathtub, to wash windows. *Every-Which-Way Dust Mop* and *Sponge Moppet*, $3.95 each, in stores. O-Cedar Corp., Chicago, Ill.

Auxiliary tub helps with your special laundry problems. Large porcelain soaking tub, with hand wringer, can be used for pieces that need attention before going into the machine. Use it for delicate hand laundry. Convenient in bathroom or kitchen. Useful for soaking and wringing out cleaning rags. Handy for bathing suits and incidental laundry at summer homes. *One-Minute Wringer Tub*, $22, in stores. One-Minute Washer Co., Kellogg, Iowa.



Built-in stove in your breakfast table makes it easy to serve piping-hot meals and snacks. Cook or keep food warm on the two-burner electric unit. When burners are not in use, table top slides up and over to completely cover and conceal them. Has white porcelain-topped table, chrome-plated steel legs, plastic upholstered benches. Electric unit takes no special wiring. *Cook Nook*, about $70, in stores. Fred Medart Products, Inc., St. Louis, Mo.

More News on next page

ROMANY TILES

ARE REAL TILES

Lovely to Look At . . . **PRICELESS TO POSSESS**

Nowhere, will you find a more attractive bathroom color scheme than the exclusive gray tones of ROMANY Wall and Floor Tile shown in this color photograph. The upsurge of popularity for ROMANY Gray is evidenced by the growing demand for this beautiful tile.

Now see the inviting living room pictured below. A real clay tile floor that is matchless in its perfection — with the same tile for the mantel facing. The acme of cleanliness, for ROMANY defies dust and dirt. No haven for rug worms, cigarette burns, liquor stains! Yes, you can have a ROMANY Tile floor in your present living room, or any other room — to lend charm and distinction to your home.

COLORS GALORE! More than 30 lovely colors to choose from. All absolutely fade proof.

FREE ESTIMATE! Experienced Ceramic Tile Contractors everywhere (see telephone directory) will be glad to show you a ROMANY Color Chart and give you a *Free Estimate*.

Write for helpful Color Folder — no charge

UNITED STATES QUARRY TILE CO

Member Tile Council of America and Producers' Council, Inc.

217-P FOURTH ST., N.E., CANTON 2, OHIO

Don't be caught short...

get the

7-UP FAMILY PACK

Copyright 1954 by The Seven-Up Company

It's easy to run out of 7-Up—the drink that's so pure, so good, so wholesome for *all* the family. Buy it this handiest way—in the 7-Up Family Pack. Easy-lift center handle, easy to store.

Buy the All-Family Drink by the Family Supply of **24 bottles**

YOURS

$100-$200

SHOWING W/S CHRISTMAS CARDS

Guaranteed by Good Housekeeping

FREE FUND RAISING PLAN FOR YOUR ORGANIZATION

This exclusive book shows how to plan and run a fund-raising project for your group. Also explains W/S generous club charge account plan. Write today. IT'S FREE.

It's fun showing the famous W/S line. Friends, neighbors buy on sight—big sales pay up to 100% profit. Dozens of Christmas box assortments including two 21 card for $1.00 boxes, novelty cards that actually talk, many others, thrilling everyday box assortments, new stationery selections, new imprint stationery gift items, EXCLUSIVE gift wrap ensembles—as low as $1.25. Over 120 money making items in all. Start today—rush coupon below.

EXCLUSIVE NAME IMPRINT CARDS 50 for $1.50 UP

36 wonderful designs priced as low as 50 for $1.50 with name—Sensational all-genuine parchment line, value priced at 25 for $1.50—FREE SAMPLES OF EACH DESIGN. Also deluxe personal card line, 25 for $3.50 up.

PREMIUMS EXTRA CASH BONUS YOURS WITH NO EXTRA EFFORT

FREE TRIAL OFFER

WETMORE & SUGDEN, INC., 15 Monroe Ave., Rochester 2, N. Y.

Gentlemen—Please rush your 10-day FREE TRIAL OFFER including 4 box assortments on approval, free imprint samples, 32 page full color catalog. If I do not make money, I will return the kit at your expense within 10 days.

Name .....

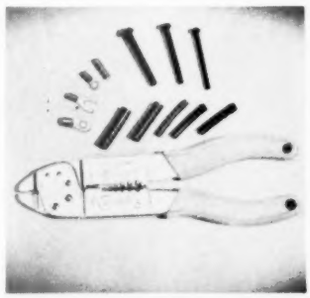
Address .....

City & State .....

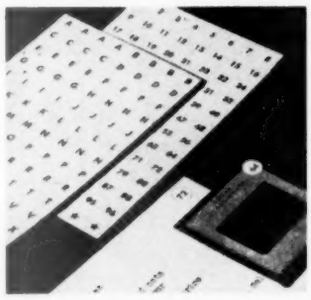
It's NEWS to me!

Begins on page 37

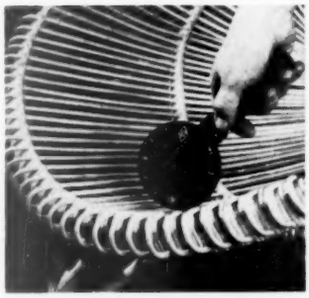
Greeting bells are an unusual note of thoughtfulness for a special day. They're gay in color and tinkle merrily. Imported from India, traditional-style bells have been decorated with such messages as "Enjoy Yourself," "Good Luck," "Welcome Baby," "Hi," "Happy Birthday," and "To My Darling." *Greeting Bell*, $1 each, in stores. S. S. Sarna, 225 Fifth Ave., New York 10, N.Y.



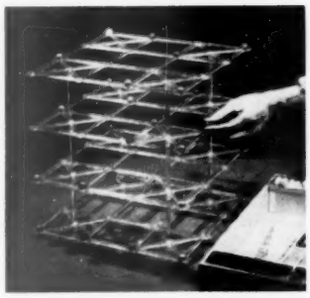
Electrical tool for the handyman makes it easier to give a professional touch to home electrical repairs. Tool crimps solderless terminals and connectors. It can be used to splice, cut, or strip wire. You can shear bolts cleanly, leaving threads undamaged. *Champ Hand Tool* (with kit of terminals, connectors, and insulators), $3.95, in stores or ppd. from mfr. Aircraft Marine Products, Inc., 1329-AL American Bldg., Cincinnati 2, Ohio.



Number color slides with self-sticking tabs that simplify the job of keeping them in order. Numbers are available in five colors and in sets up to number 1,000. Letters are available, too, for alphabetizing files. Adhesive needs no moisture; tabs can be pulled off and will adhere again. *Numbatabs*, 25c per 100, in stores. The Saunders Co., 625 South Goodman St., Rochester 20, N.Y.



Measuring wheel is taking the length of a circular chair seat in this photograph. Rotating ruler can be used to measure accurately any irregular surface. Simply hold the handle and run the wheel along the line to be measured. It clicks off each foot, and shows inches. You can measure as fast as you can walk. *Pix Measuring Wheel*, $6.50, ppd. from mfr. Pix Products Co., Cedar Rapids, Iowa.



Three-dimensional game board puts a lot of zip into such games as ticktacktoe and checkers. It's not hard to catch on to this extra element in the game. Three-way board provides extra excitement for playing chess, too. Four-decker is made of clear plastic, can easily be dismounted and fitted into its box for carrying around. *3-D Game Board*, $5, in stores or ppd. from mfr. Tedco, Inc., 5201 Cameron Road, Austin, Tex.

Pull a light down to you by a gentle tug that unreels the cord. You can convert or make new hanging lamps that have this retractable feature. The light cord passes through polished-brass reel case, which takes it up or lets it out, as you pull or push on the cord. You can set your light at any height, simply by letting the reel take up the slack. It will lift a bulb and shade weighing as much as 5 pounds. *Dual-Action Reel*, $5.95, in stores. Benjamin Reel Products, Inc., 10700 Broadway, Cleveland 25, Ohio.

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enjoy a 7-Up "Float"

7-Up and Pistachio Ice Cream!
A wonderful flavor surprise!

7-Up and Chocolate Ripple Ice Cream!
Wait 'til you chocolate lovers taste this!

7-Up and Strawberry Ice Cream! *The pink of perfection! Wouldn't you like one right now?*

Forecast: bright and smiley faces
When you serve this double treat.
Take Seven-Up...your favorite ice cream...
And there's a team that's hard to beat!

Nothing *so good* was ever *so quick!* Try a 7-Up "Float." Put two scoops of ice cream (or sherbet) in a tall glass. Tilt the glass and pour chilled 7-Up gently down the side.

"fresh up" with 7-Up!

Seven-Up is the All-Family Drink . . . so pure, so good, so wholesome that folks of *all* ages may enjoy it. *You like it . . . it likes you!* Get a family supply of 24 bottles. Buy 7-Up by the case. Or get the handy 7-Up Family Pack. Easy-lift center handle, easy to store. *Buy 7-Up wherever you see those bright 7-Up signs.*

Glorify Plain Foods

with UNDERWOOD DEVILED HAM

NEW RECIPES that give heavenly zest to all sorts of low-cost, plain foods, make clever use of Underwood Deviled Ham. For just pennies you can glorify ordinary dishes with the delicious tang and extra nutrition of this superb flavor-ingredient. Try Underwood's in your own favorite recipes. It's a great trick!

WHEN SCRAMBLING EGGS, just before they are done, mix in the contents of a can of Underwood's. Poached eggs become remarkable taste-treats when you serve them on hot toast spread with Underwood's. Baked eggs? Mix Underwood's in the cream sauce!

SANDWICHES unlimited are possible with Underwood's — it combines so beautifully. Try it with your favorite jelly. Or with apple butter. Marvelous!

MACARONI-AND-CHEESE gets an extra-hearty meat flavor if you add the contents of a can of Underwood's. It also does wonders for spaghetti sauce!

Glorifies Plain Foods

FREE RECIPE BOOKLET . . . Write Wm. Underwood Co., Watertown 72, Mass.

It's NEWS to me!®

A new look for outdoor eating

You don't have to spend a lot of money tooling up, serving-wise, for outdoor meals this summer. Use old dishes that you wouldn't mind breaking, or the inexpensive plastic or paper plates. Then get a festive air into the occasion by using one special, new server that is a real "conversation piece." Look at the smart and striking ensembles pictured here. None of these will break the budget, but just think what they can add in atmosphere to your party on the patio.

Long dogs for a wiener roast will win you praise as a clever hostess. The longest dog has been stretched out by two center lengths, making four serving compartments altogether. Pair of pups in the foreground are salt and pepper, while the doggie with the lid holds mustard or relish

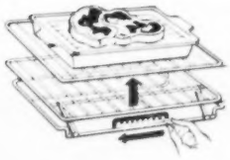
Easy to carry to the table, and easy to pass around from guest to guest, are these handsome white pieces in black iron racks. Oil and vinegar cruets match porcelain-handled salad-tossing set. Trio of salt, pepper, and mustard have striking black tops

More on page 155

Ever see anything so accommodating? Glides up close for quick-searing—glides down again for broiling. Another first for the Admiral Electric Range.

Steaks go up and down . . . *at a finger's touch*

. . . in this wonder-working new Admiral Electric Range



Who'd ever believe broiling could be so easy! Just a flick of the lever raises or lowers the broiler rack in the fascinating new Admiral. Steaks and chops are put right where you want them, so they'll sizzle to a tantalizing tenderness, without all that shifting of hot, greasy pans and racks.

Dial any heat with Admiral Flex-O-Heat for easier top-of-range cooking. It lets you turn on exactly the heat you want . . . way high, way low, and anywhere in between. No more having to choose from 5 or 7 "set" heats! The Flex-O-Heat indicator next to the dial looks like a thermometer . . . glows . . . shows you at a glance the degree of heat being used.

Roasts go 'round and 'round . . . electrically . . . right inside the oven of this beautiful new Admiral. The Rotary Roaster does it . . . and bastes automatically. Then you have double ovens, pull button automatic timer clock, and many, many other features. Better see this beauty today at your Admiral dealer's!

Admiral Electric Ranges begin as low as $166.60

Admiral

TELEVISION • RADIOS • HOME APPLIANCES

American-Standard bathrooms in color

make it easy to change your color scheme as often as you like

See how easy it is to change your bathroom from blue and chartreuse to blue and copper . . . or blue and yellow when you start with American-Standard colored fixtures. That's because American-Standard colors blend with *more* color schemes . . . let you change your bathroom by just changing your accessories.

Have a second bathroom! Every modern home needs one. Chances are there's enough room in your home to have one. Actually, an American-Standard bathroom can be fitted into a 3′ x 8′ area . . . into a closet or that space behind the stairs. The colored fixtures shown here are ideal for either a master or second bathroom.

For lasting quality insist on American-Standard fixtures. They will give better service, longer service. In the bathroom illustrated, the bath is of rigid cast iron with a smooth, thick coat of enamel . . . toilet and lavatory are of easy-to-clean vitreous china. And American-Standard fittings are designed to assure smooth operation, dependable service. All fittings are finished in non-tarnishing Chromard.

Even with no down payment, pay as little as $2.13* a week for the bathroom fixtures shown. Your local American-Standard retailer will help you arrange easy payment terms. He is listed in the Yellow Pages of the phone book under "plumbing fixtures" or "plumbing supplies." Or for the big Home Book—packed with helpful bathroom, kitchen and heating ideas—send 10¢ in coin to cover handling to **American Radiator & Standard Sanitary Corp.,** Dept. PB-74, Pittsburgh 30, Pa.

*PLUS INSTALLATION

Have a "new bathroom." It's easy . . . for example just change your accessories from chartreuse to copper.

These blue fixtures go with so many colors that it's easy to change your color scheme as often as you like.

Be sure your retailer installs American-Standard *fittings* on your fixtures. They combine smart beauty, long service.

American-Standard PRODUCTS

AMERICAN-Standard
BATHROOMS

Serving home and industry: AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS & WALL TILE • DETROIT CONTROLS • KEWANEE BOILERS • ROSS EXCHANGERS • SUNBEAM AIR CONDITIONERS

Photographs: Wilson

Our wellspring and shrine of freedom: The Declaration of Independence and The Constitution in the National Archives Exhibition Hall

What's happened to Independence Day?

What was Washington's army like? I could not have seen it. But I can quote someone who did.

The year was 1924, the Fourth of July, and the little old lady sitting with me on the porch of her home in Emporia, Kansas, was my grandmother, then in her middle 90's, and living largely in her past, rather than with us in the comfortable Coolidge administration.

A firecracker down the block reminded her that in her childhood there had been none, nor even any Fourth of July picnics. Instead, all gathered on the green of her New York State village in their Sunday best, the little girls in starched white, to hear "The Declaration" read by one of the "old soldiers," in his cracked, reedy voice. But when she was about 10 years old, the last of them died. After that, The Declaration was read by one of the younger veterans of that "second war."

Now, this was confusing. An "old soldier" to me was a Civil War veteran. Even in 1924, a few of them, then in their upper 70's, had ridden that morning in carefully polished sedans [*Turn to page 142*

By William L. White

The author of "They Were Expendable," "Queens Die Proudly," and "Lost Boundaries" is, like his famous father, William Allen White, editor and publisher of the Emporia (Kansas) Gazette. His father won the Pulitzer prize for his famous editorials in the Gazette.

Man-oh-man – What blooms!

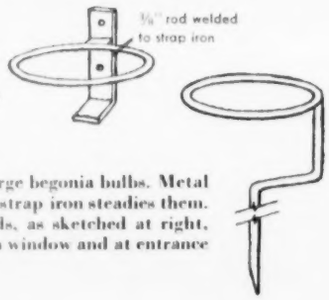
Heads turn now, and eyes grow round when people pass the door of M. Dave Miller, Grand Forks, North Dakota. Here are the flowers that lead from drive to door. Yet, Miller grew his first begonia only two years ago. "Nothing much to it," says Miller. "I buy good bulbs. I start them indoors in April on floor of an empty bedroom"

Here's what a beginner can do! With begonias as his hobby, a man can brag and brag. You can back up every claim with blooms like these from North Dakota

By Fleeta Brownell Woodroffe

Photography: Reynolds, Photography, Inc.

Display's the thing. Miller needed a hobby that required no lifting. This fence faces the south windows of his house. Tuberous begonias need light but little direct sun. Fence is built with wide louvers so there's some, but not too much, air movement. The flower display reaches its peak in July; we made these pictures in mid-September



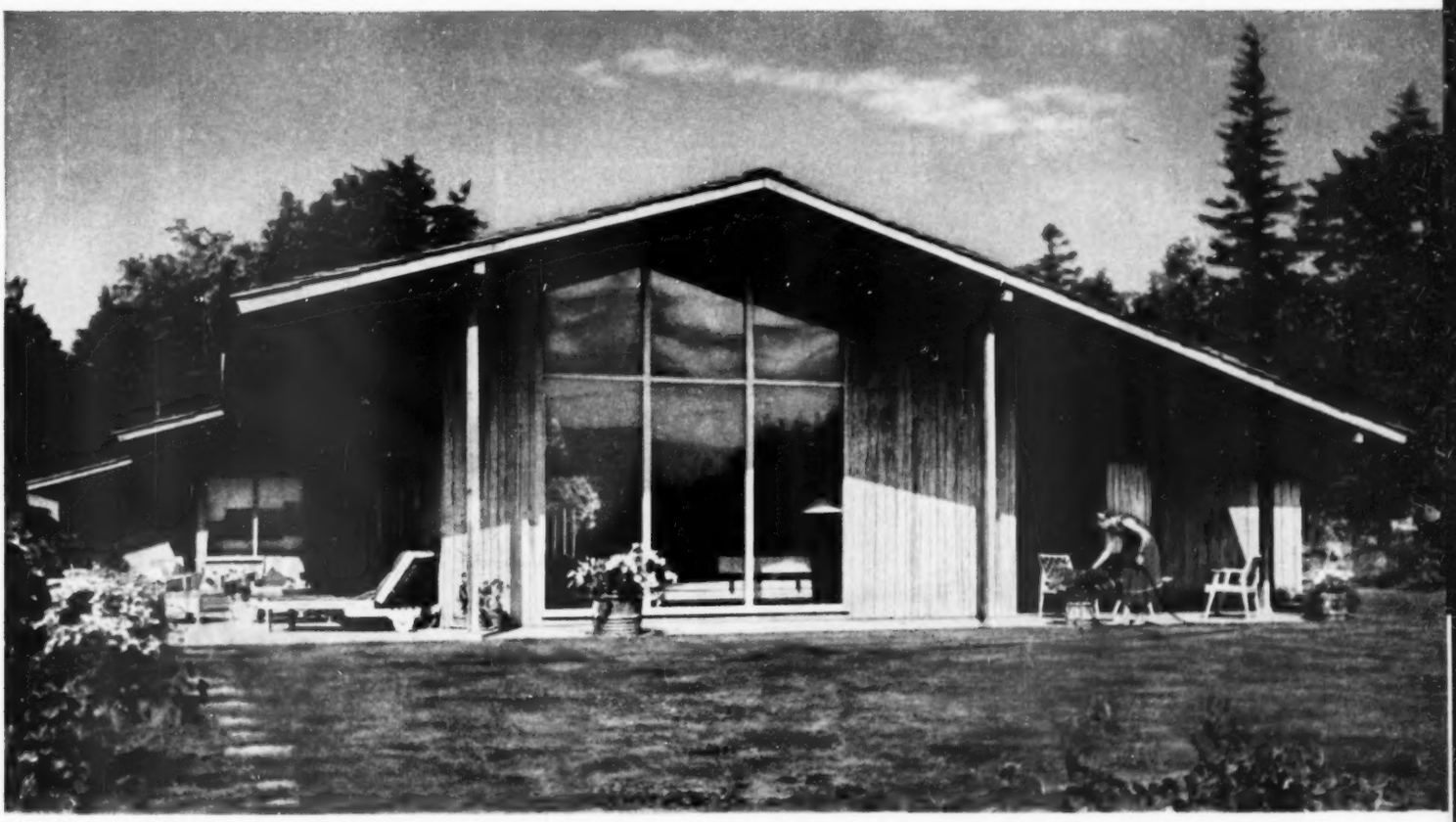
Pot hangers and supports are secret of display

Miller finds 7-inch azalea pots best for large begonia bulbs. Metal rings screwed to fence catch rims of pot; strap iron steadies them. Rings of same size on 2- and 4-foot rods, as sketched at right, make display possible outside living-room window and at entrance

Out-of-this-world quality of tuberous-begonia flowers is shown here in rosebud, fimbriate, and hanging-basket types. For potting soil, Miller mixes topsoil, peatmoss, fish meal, and charcoal. Mrs. Miller waters all plants during the day. Each month, plants get instantly soluble food.

Tender bulbs are stored dry indoors through winter. "Nothing can beat begonias," says Miller. "They're a man's flower, for sure."

Our house is the way we live



The picture on the cover has you inside looking out the great wall of glass at end of the living room. From outside, as you see, there's the same impact

By Cynthia Eyre

When we took our housing ideas to Van Evera Bailey, it was no hit-or-miss matter. We had spent months studying houses and searching for the architect who could do justice to our land, high in the western hills, 1,000 feet above Portland, Oregon.

After 12 years of marriage and many moves, especially during the war years, we had ambitions—and prejudices!

As fourth-generation Oregonians, we found pleasure in our native architecture—in the simple strength and wide planes of old farmhouses and barns that had rested on our southern hills for generations. We loved the bony structural rightness of our mountain cabins, with their massive stone fireplaces. That was our heritage—we hoped to make it our haven.

"Let there be light," was another battle cry. We wanted to live under an umbrella so we could walk outside and enjoy our slumbering garden, protected from the rain. Or, dressed for the evening, step from the front door directly into the car. Lugging groceries wouldn't be half the chore, if we could unload right to the kitchen drain boards. Why not?

As for the children, surely that late-winter pallor would vanish if they could just play outside protected from the rain. Long had I rankled over the remark of a California editor:

"In Oregon," he said, his tan face glowing, "your children play for nine months of the year in basements!"

As if they were frogs! We'd show him.

These were the thoughts we took to Architect Bailey. To our great pleasure, we found a mind open to our suggestions, and most of the time, way ahead of us. When planning a house, three heads are better than one. In the "powwows" that followed, we were grateful that we had chosen a man who was not only climate conscious, but knew the value of a dollar.

We had delusions of grandeur, of [*Turn to next page*

In summers, the house becomes a pavilion opening on three sides to terraces. Here we planted annuals in a 40-foot strip for greatest effect and easiest care. The flowers repeat the gold, yellow, and reds of our interior colors. Vertical siding is rough-sawn cedar. Roof is of split cedar shakes

This area is ideal for children's play under the broad protection of the carport roof — with curtains and benches, it has even become the "Eyres' Carport Theater"

Maxwell Allara

Our house is the way we live

Continued

WE'RE NOT FANCY, and we're not plain. We have a 20-year plan on our house, plus two children to raise and educate.

My husband, David, is a newspaperman. The pets, projects, and consuming interests of daughter Connie, 11, and son Larry, 8, are too numerous to mention. We talk and argue and sometimes fly into tears. But, in turn, we are warmly tender and gay.

Division of labor in the Eyre house is based on the proposition that everyone enjoys living in it. Our mornings include a leisurely breakfast plus individual cleanup tasks. We have occasional strikes, and now and then everyone oversleeps and the system is joyfully junked. With the school, church, and community life, we are up to our ears and love it.

course. We insisted on a large living room and three bedrooms, and an extra room and bath—just in case. A big sunny kitchen with family dining area and spacious laundry were necessities.

As if that weren't enough, my husband wanted a study. And I longed to display our old mahogany furniture and a few cherished silver pieces in a handsome and lordly dining room. When I said that, Van Bailey turned ashen and trembled. After he had recovered, he pointed out hoarsely that it was 1951, and prices were soaring almost as fast as materials were disappearing. He said our budget wouldn't stand for it. At least two rooms had to be put out of our present dreams.

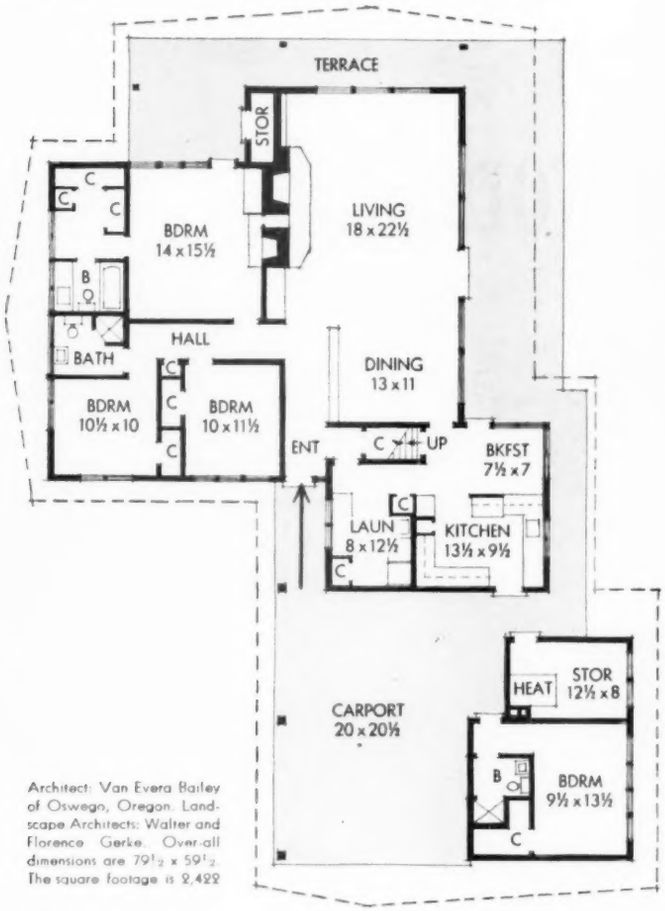
But what? We entered a period of nerve-wracking analysis and decisions. With the skill of a prosecuting attorney, our architect began the Big Quiz. What were our habits, our hobbies, our activities? What did we do every morning, noon, and night? Gradually, a pattern of life emerged. The Eyre pattern.

Finally, I agreed to sacrifice my dining room—if I didn't have to entertain in a crowded ell. My husband would part with a study—if the bedroom had a fireplace, built-in desk, loads of books, and a bedspread so durable he could collapse onto it without a guilt complex.

Fortunately, we didn't suffer that common American complaint: bathroom pride. We would accept small, tailored bathrooms—just so there were more than one.

We still insisted on the fourth bedroom—for a guest, or for an "escape hatch" where any member [*Turn to page 100*

Roof overhang, surfacing double our space



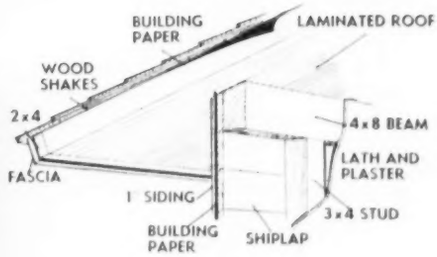
Architect: Van Evera Bailey of Oswego, Oregon. Landscape Architects: Walter and Florence Gerke. Over-all dimensions are 79½ x 59½. The square footage is 2,422

We can drive directly to our front door or unload supplies six steps away into the kitchen. Our kitchen is divided by counters into eating and work centers. The room behind the carport stores garden tools

This golden room is our bedroom, office, or family room. Here, work is done, or the children pop corn, perch on the raised fireside hearth, and talk. The built-in desk and shelves store typewriter, files, and reference books. The bedroom terrace is the scene of many leisurely Sunday-morning breakfasts

To catch every glimmer of morning sun, the kitchen juts out from the house. One-third of it was planned for family dining, with an intimate view of garden. It's our gathering place for homework and hobbies. We often move the table outside for terrace dining

Photographs: Hedrich-Blessing



This close-up shows one detail of the simple, costsaving construction. Roof and ceiling use laminated principle, with 1x4-, 2x4-, 3x4-inch fir boards on edge. Siding is 1-inch random-width, rough-sawn cedar

On clear days, this east wall captures a superb view of Mount Hood. When the clouds part and the mountain appears laden with fresh snow, well, everything stops. The window, rising to a 14-foot peak, expresses a feeling to us of boundless space

Mighty proud, this workshop

Charles Alft of Palatine, Illinois, took time to put his shop in perfect condition right from the word "Go!"

An ex-recreation room (more recently an area for junk storage) was starting point for shop. Step No. 1 was furring ceiling and hiding new conduit back of the ceiling tile. Cream-colored ceiling reflects light, heightens illumination

Pale-green walls replace the purple grotto effect of the original room, and the floor is brick-red concrete paint. Alft's wiring scheme was to run a line around the baseboard, with short legs rising to the outlets for each power tool

The little cubbyhole back of the furnace turned out not to be big enough . . . an old story with many a handyman. As need after need called for adding more and more tools, Charles Alft, handyman in Palatine, Illinois, began exploring his basement for larger shop quarters.

He discovered that the biggest part of his basement (about 12x19 feet) was given over to hit-and-miss storage. By systematizing storage, he was able to move, tool by tool, into the shop you see pictured on these pages.

What made this shop the proud thing it is, was a natural love of orderliness on Alft's part—plus the fact that he could get it ready bit by bit. Make his plans step by step. The area was completely readied before he began moving in the old equipment plus some additions made possible by the increased space.

Every day, the ranks of do-it-yourselfers increase, as handymen by the thousands discover that a couple of boards across two sawhorses no longer constitutes a workshop. A good workshop is becoming a natural part of the normally active American household. Most basements have adequate space for a really good shop if the space is carefully planned. How about yours?

A good shop is easy to work in—and easier still if you plan it for that "proud look"

1. Don't let your workshop be a last-resort storage spot for household junk. An uncluttered shop is easy to work in, and easy to keep clean.
2. Painted walls and a smooth ceiling are more than lily-guilding. You get three or four times as much good from your lighting if it has bright walls to bounce from.
3. Paint the floor of your workshop if you want to see how easy it can be to sweep up even the finest sander dust.
4. You owe to yourself the feature of convenience in the shop, just as your wife deserves convenience in the kitchen. Think and plan until the *relationship* of one thing to another in your shop helps you work fast.
5. A man's thinking can be cluttered up by cluttered surroundings. Why not make your shop itself a project. Make it look as though you were proud of it—and then invite envious neighbor handymen in for an "opening."

Stand in the doorway, and here's your view of the shop. Since every handyman spends more hours with hand tools at a workbench than he does working at power tools, Alft arranged his woodworking and metalworking benches along one wall, with plenty of trafficway to range back and forth along them. The drill press is mounted permanently on the far bench. Cabinets along the wall hold a collection of hand tools he's been adding to for many handyman years

Photographs: Suter, Hedrich-Blessing, Hand

Drawer-filled base was constructed in "egg crate" form, and then rugged drawers were built and fitted. Drawers slide on bottom supports, and a cleat about 1/8 inch thick is applied to the side of each drawer to keep it from binding in the egg-crate drawer opening

Ready-sorted storage is easy, with a total of 15 drawers, for as many classifications of things that must be put away — and then found again.

The three drawers at the bottom are larger and deeper than those above them, permitting bulky storage — and a place for items you don't need often. Top of bench is built up of maple 1x3s on edge, with long bolts.

More photographs on page 123

The Arches National Monument. The Delicate Arch is but one example of the effects of erosion in this Utah wonderland. Snow mantles the background, climaxed by the LaSal Mountains. The arch dwarfs the human figures in foreground. (See page 103)

The West nobody knows

By Joyce R. Muench

All the wild beauty and romantic past of the West is not confined to national parks and famous tourist attractions. Every year, thousands of travelers whiz by on main highways, missing some of the best by only a few miles.

My husband is a professional photographer and has spent years photographing the natural wonders of the West. Naturally, when you're searching for a picture, you do not confine your travel to the main highways. In our years of exploring, we have traveled on foot, by pack train, and by boat, in search of new vistas of natural beauty. But, we've also found that some of the best recreational and scenic areas lie within easy driving distance of heavily traveled routes.

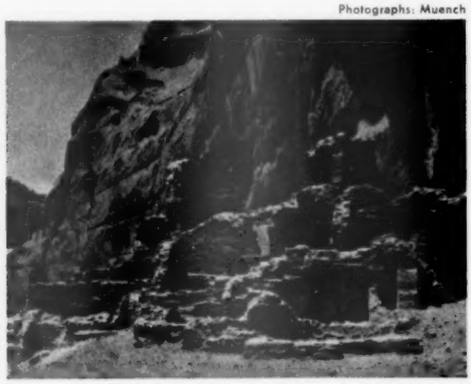
We've selected only a few of such places we've visited, and which you'll want to note and store away for the day when you're traveling our highways in the West.

For details, please turn to page 103

The Wallowas of eastern Oregon. State 82 takes you into one of our most scenic areas. In the land where the Nez Perce Indians once lived, Mount Bonneville, set among other peaks of the Wallowa Range, provides a backdrop for Lake Wallowa. (See page 104)

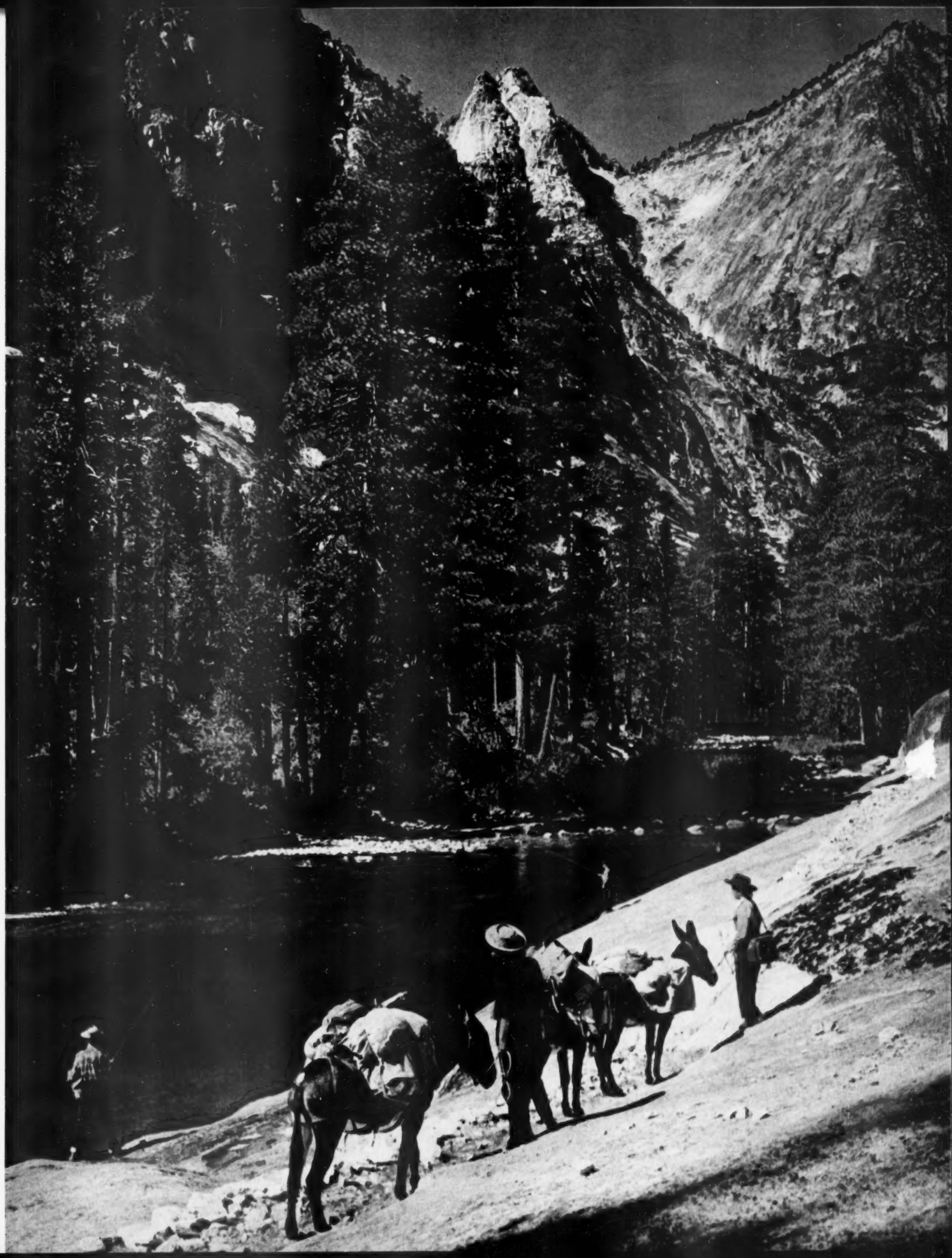
"Upstairs" in Yosemite National Park. A burro train pauses in the High Sierras long enough for fishermen to cast into the waters of the Tuolumne River in this famous California park. The granite walls of Tuolumne's Grand Canyon project high above the forest. (See page 103)

Photographs: Muench



Canyon de Chelly National Monument. Ruins lie in the many-fingered canyon on Arizona's Navajo Reservation, off U. S. 66 east of Holbrook. (See page 106)

New Mexico's Land of the Penitentes. A religious group of Spanish, Mexican, and Indian descent lives in Questa, in the Sangre de Cristo Mountains. (See page 104)



How to diet for a figure—No. 2 of a series

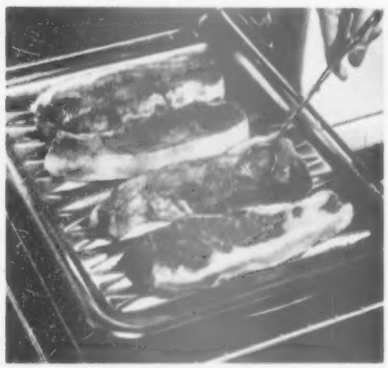
Protein plan for weight watchers

So pounds are your problem. Likely your doctor has suggested a high-protein reducing diet—one that supplies plenty of vitamins and minerals, too, but low on calories.

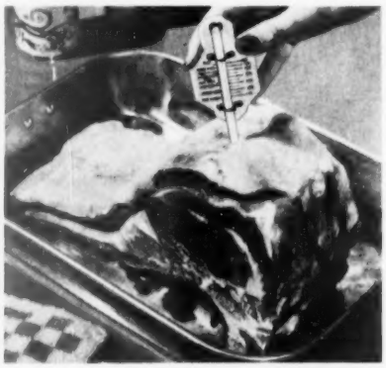
Here's why a safe-and-sane reducing diet is loaded with protein foods: Protein helps protect against loss of muscle tissue while the waistline takes a trimming. Your muscles, hair, skin, nails—all of you that's visible and much that isn't—are largely made up of protein. Children must have protein to grow on, and we all need a good supply every day to repair the wear and tear on our bodies.

Protein sources? Tiptop quality are meat, poultry, seafood, milk, eggs, cheese. Bread, cereal, and gelatin offer protein, too. High-protein foods are satisfying, aid in control of appetite pangs. And who can feel sorry for himself when his diet calls for delicious, rib-sticking meats? Just see the variety of cuts and ways to cook them!

Meat is hub of dieter's meal. Cook it many ways



Broil. Favorite method. Hurrah for steak, burgers! Turn with tongs to keep juices in



Roast. Lucky dieter! He gets roast beef like everyone else. Use meat thermometer as guide

Photographs: Nelson, Photography, Inc.

Stew. Simmer meat lazily. Add vegetables the last 30 to 45 minutes; cook just till done

Braise. This glorifies the less tender or budget cuts. Long cooking makes a pot roast tasty

Cooking methods for best meat flavor, page 95

Meat's your best bet

It offers you best-quality protein in liberal amounts, as well as B vitamins, iron, and other minerals, to boot.

Weight rate. By supplying protein, meat helps keep you from reckless loss of weight. At the same time, the protein "fans the flame" while body fat burns, actually increasing your rate of weight loss a bit. And protein helps your body say "no" to infections.

Make like Jack Sprat. Cut off all the fat you can see from your serving of meat. Skim fat from stew or braised dishes. Dieter's portion is taken out before gravy is thickened for family.

"Good" is good. Protein is of equally high quality in any grade of meat. Cuts at right rate "good." This grade requires less trimming of fat, has less marbling than "choice."

Rotisseries and outdoor grills. Don't forget about their merits for meat cookery.

Freezer reserve. Keep a supply of lean meat on call in freezer for times when family has taboo main course.

Variety's up to you. The cuts at the right are just a few possibilities.

Beef. Braise pot roast or a cut from the heel of round to tender deliciousness. Roast standing ribs for a company meal. Broil the juicy sirloin, top-loin, or tenderloin steaks; burgers, too, from lean ground beef, of course. Braise the liver and heart. Make a savory beef stew.

Veal—naturally a lean meat. Roast the veal sirloin and leg cuts. Braise the steak and loin chops.

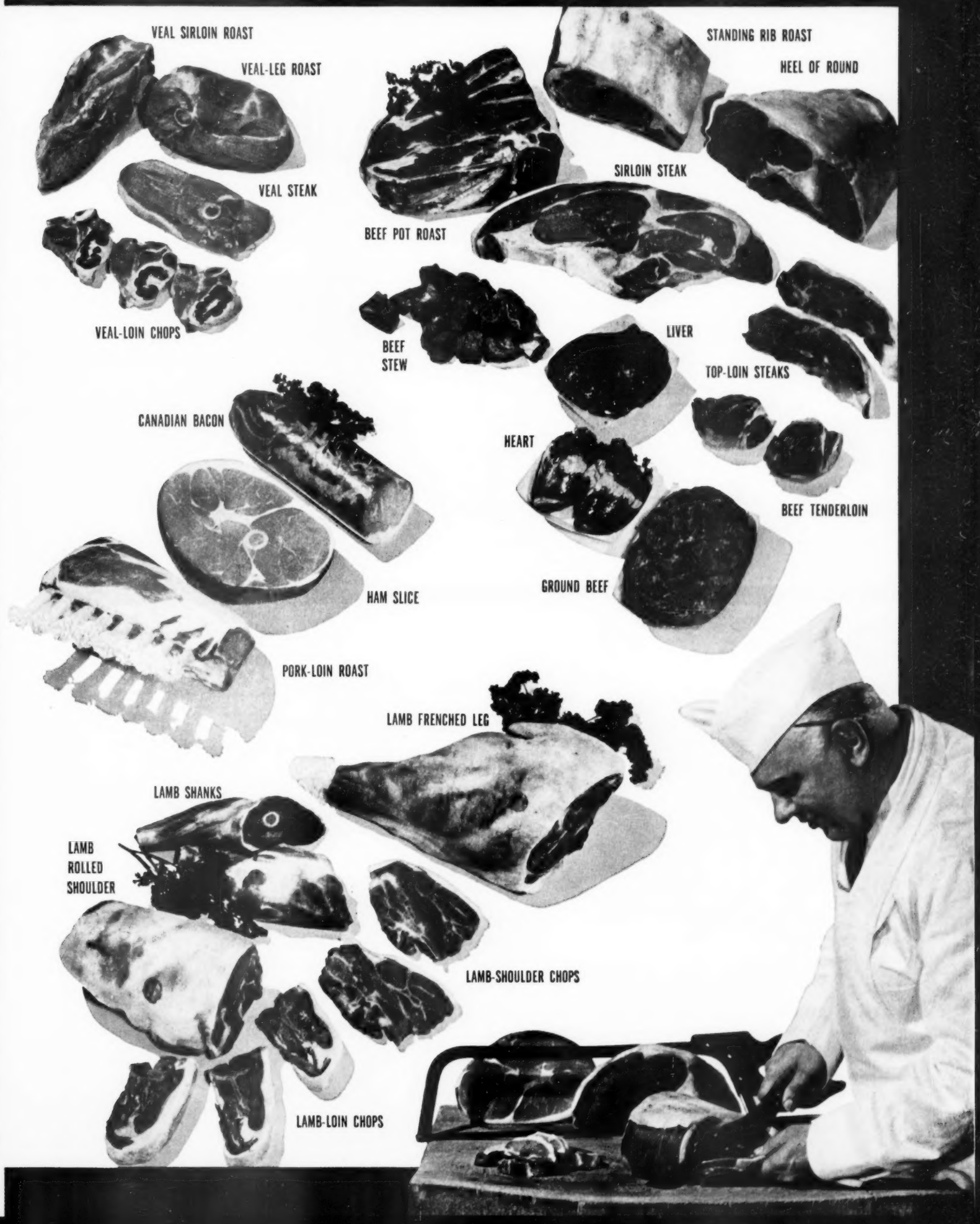
Lamb. Into the oven goes the rolled shoulder or Frenched leg. Broil or pan-broil the shoulder or loin chops. Braise the lamb shanks.

Pork. You don't have to go without this favorite, but trim neatly. If you eat pork at one meal, choose a low-calorie meat for the next.

Liver for life. Eat a serving each week—broiled or braised. It's so jam-packed with things good for you that this advice goes for folks who are fat, skinny, and in between.

Meat-salad molds. They're cooling and tempting. Diet plus: You combine the protein of meat with that of gelatin. Add vegetables for fill-up.

Snook, Photography, Inc.


VEAL SIRLOIN ROAST
VEAL-LEG ROAST
VEAL STEAK
VEAL-LOIN CHOPS
STANDING RIB ROAST
HEEL OF ROUND
SIRLOIN STEAK
BEEF POT ROAST
BEEF STEW
LIVER
TOP-LOIN STEAKS
CANADIAN BACON
HEART
BEEF TENDERLOIN
HAM SLICE
GROUND BEEF
PORK-LOIN ROAST
LAMB FRENCHED LEG
LAMB SHANKS
LAMB ROLLED SHOULDER
LAMB-SHOULDER CHOPS
LAMB-LOIN CHOPS

How to add space to a small house

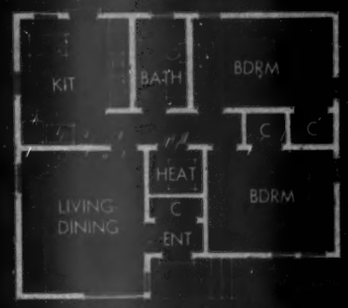
By Jane Frudden

You may recognize your house on these pages. Perhaps you're among the thousands of families who rushed to buy small, two-bedroom development houses in the early postwar years. At the time, they were quick, low-cost answers to minimum space needs. Or, possibly, you've been living in a small bungalow since what seems like the beginning of time.

And today, like most families that own them, you have outgrown your two-bedroom house. The great need, then, is for more bedroom space and more storage room . . . better laundry space, a car shelter, or just a hideaway room to watch the World Series or read a book.

It would be impossible to offer step-by-step solutions for everyone. So we did the next best thing. We took four typical two-bedroom houses, and developed eight solutions to the space demands you've told us about. These additions show you how to get the space you need in as logical and low-cost a way as possible.

Typical postwar development house has small rooms, just two bedrooms



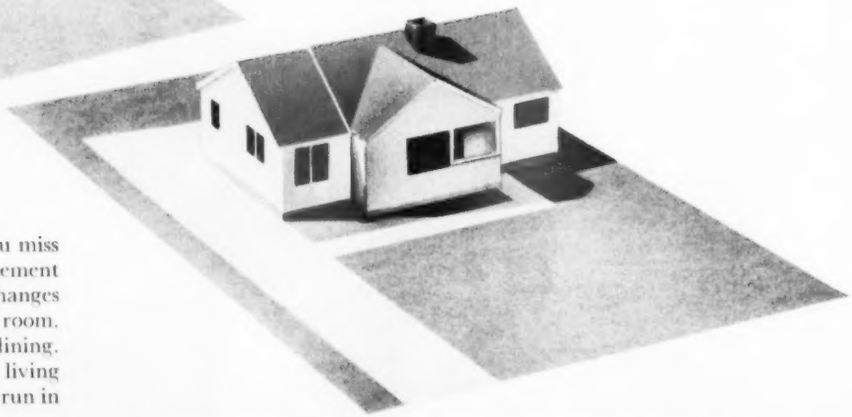
Original two-bedroom plan

Laundry, family-room addition

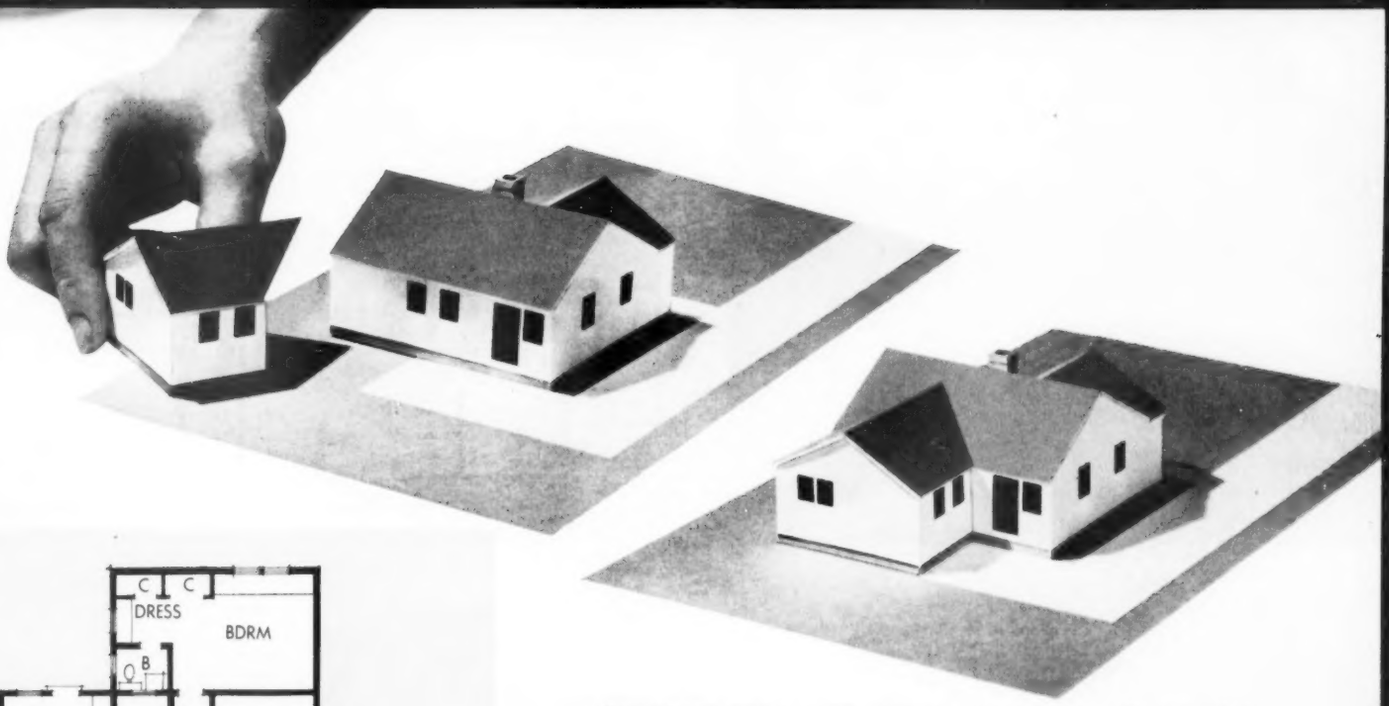
FAMILY ROOM and laundry wing adds the space you miss without a basement. Addition brings conventional basement facilities upstairs—laundry, storage, recreation space. Changes involved only cutting doors through kitchen and living room.

Convenient to kitchen, family room may be used for dining. Or children can play here while adults entertain in the living room. Rear door serves laundry and means children can run in and out without tracking through the rest of the house.

In every case, type of new space needed and location of house on lot will determine which additions are possible.



Confined lot allowed room for expansion on one side only. Most logical addition to this basementless house was the laundry and family room



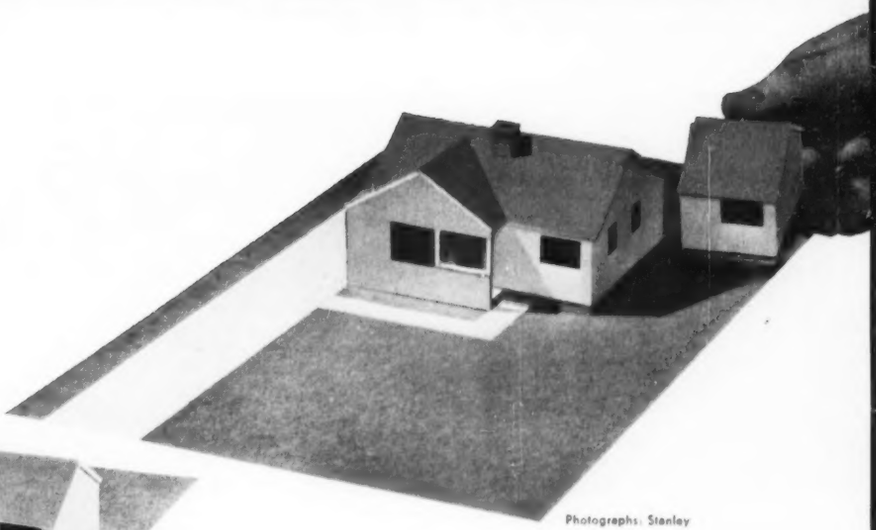
Best bedroom space is at rear—here, deep lot made this addition practical

Master bedroom added at rear

MASTER BEDROOM with half-bath and dressing area is added to rear. Largest of two original bedrooms gave up space for a hall.

The existing bathroom loses outside exposure, so must be ventilated with ceiling fan. Window (frosted glass) stays to borrow light from half-bath. Location of half-bath near existing bath lessens plumbing expense. Dressing area includes vanity and two large wardrobe closets. Long, dresser-type storage is placed under bedroom windows. Completeness of parents' room gives them new privacy.

Side addition: third bedroom or study



Photographs: Stanley

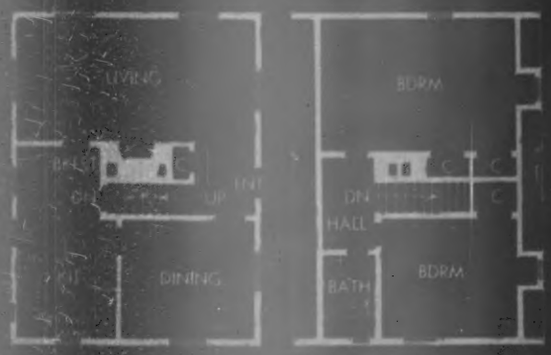
If lot allows, addition may go off sleeping zone. This is a good spot for third bedroom or study, away from noisy areas of house

A THIRD BEDROOM is built on to right side of same house—or you might prefer this space as a study or guest room. Existing closets were right in line to become hall to new room. Loss of this bedroom storage was more than made up with new addition.

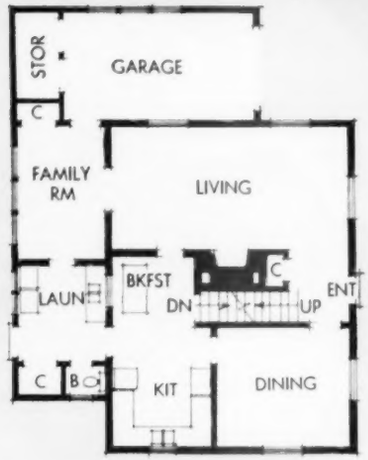
Original window openings became doorways to new bedroom closets. For privacy if neighboring house is near, windows in new room are planned only on front and rear wall. High, ribbon-type windows might be used on close neighbor's side.

Turn the page for more on adding space to small houses ⟶

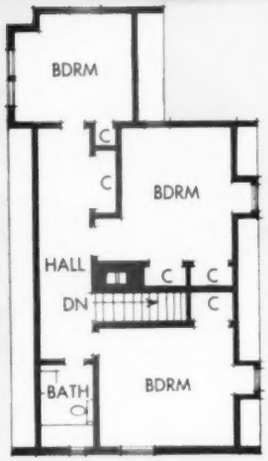
Two floors, but small for growing family



Basic first-floor plan Basic second-floor plan



Garage, work area added



New bedroom over garage

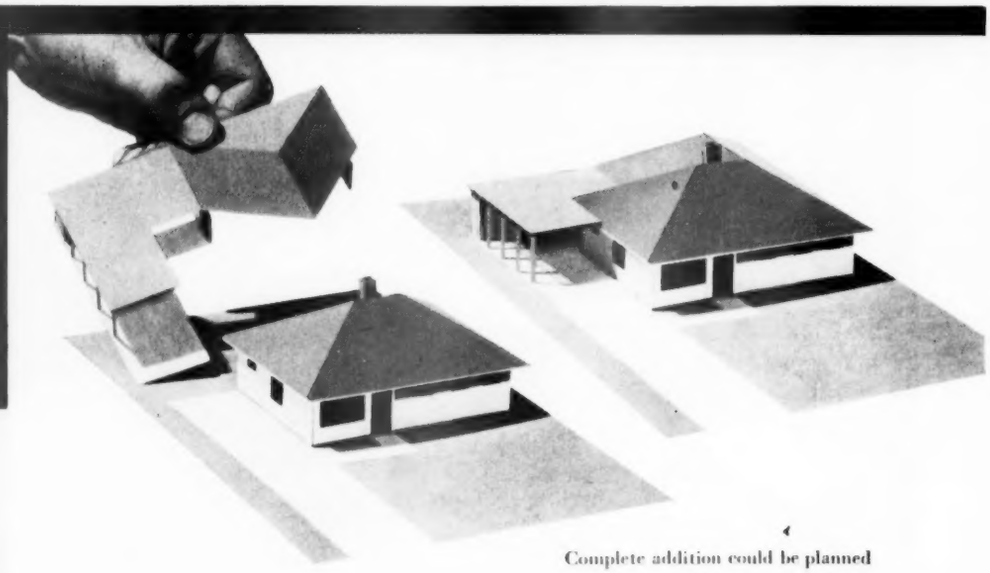
Rear privacy allowed big window in new family room

Garage addition supplied answer to gaining second-floor bedroom

ALL THE SPACE you need is provided here in one skillfully planned addition—garage, family room, laundry and half-bath, third bedroom. Hall to new bedroom over garage is cut through largest existing bedroom. Box dormer provides necessary light and headroom in third bedroom. Addition enhances rather than destroys Cape Cod appearance.

Four-room plan had little storage

Minimum plan before addition



Complete addition could be planned in two stages—first rear, then side

New areas add new storage

STORAGE space is as precious to small houses as added rooms themselves. Here, space has been nearly tripled by providing double wardrobe in new bedroom, bulk storage wall in carport, and built-in cupboards in breakfast room.

Hall to new bedroom and half-bath is cut through the largest existing bedroom. With utility area opened, there is now room for washer and dryer. The breakfast room doubles as play area. Outdoor living space is enclosed on three sides.

Addition-minded? Use this check list to guide your planning

1 What type of space do you need most?
- Bedroom ☐
- Bathroom ☐
- Family room ☐
- Laundry ☐
- Storage ☐
- Other ☐

2 Considering your lot, floor plan, and local building-line restrictions, where can expansion go?
- Front ☐
- Rear ☐
- Right side ☐
- Left side ☐

3 Have you accounted for all costs?
- Unusual structural problems ☐
- Heating ☐
- Plumbing ☐
- Excavating or grading ☐
- Furnishing and decorating ☐

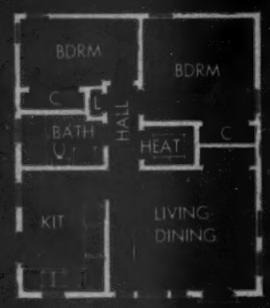
4 Will desirable existing features be lost when you expand? Can addition compensate for them?
- Windows ☐
- Storage ☐
- Bathroom location and ventilation ☐
- Size of rooms (if cut for hall) ☐

5 Will addition aid house appearance?
- Same architectural style ☐
- Related in scale, materials ☐
- Same roof type ☐
- Compatible window treatment ☐

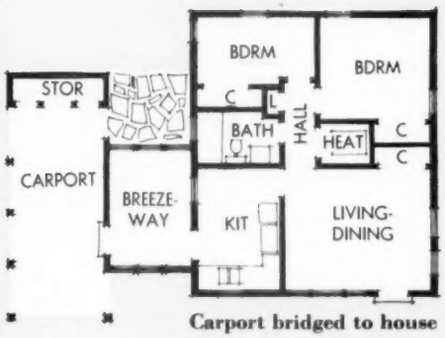
6 Do the real-estate values support your building an addition?
- Present house value ☐
- Resale value (with addition) ☐
- Neighborhood value (good, bad, improving) ☐

7 Will addition take care of future space needs?

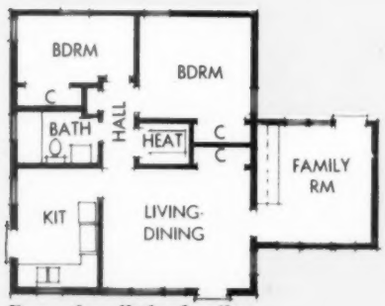
You can give small, narrow house a big, new look with side addition



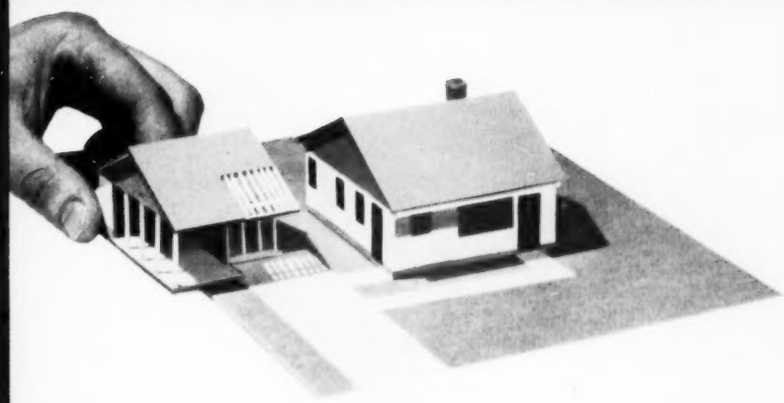
Basic plan just 24x28



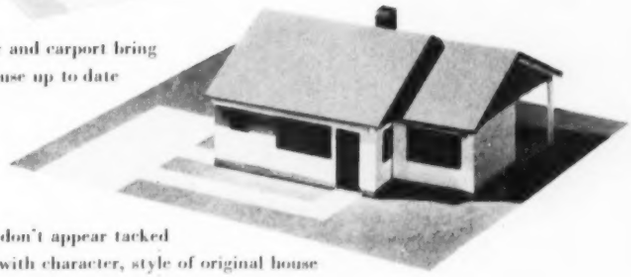
Carport bridged to house



Room for all the family



Breezeway and carport bring boxlike house up to date



Additions don't appear tacked on, blend with character, style of original house

COVERED PASSAGE to new car shelter, but more important, breezeway provides a summer living room. You gain a convenient route to enter house, more living and play space to take pressure off small living area, an outdoor terrace enclosed on three sides.

Simple addition off the living room is for family hobbies, or you can use it as a third bedroom. Addition here requires no revision of existing space. Only a living-room window was removed to become door to family room. Note abundant storage with both additions.

Turn to page 112 for more ideas

Color news for your bathroom

By Florence Byerly

YES, excitingly different colors at a price you can afford. Here's how you can glamorize your bath—no matter how small or how old—with color-matched materials. Today it's almost as easy to shower your bath with color as it is to wash your hands. Look at these schemes for inspiration—they'll help you dream up your own to your heart's content.

It's easy to start with your favorite color

Lavender shower curtain (with matching window curtains) was starting point. The wall covering came next, with the towels matched to paper's blue flower.

We even found a lavender wall tile that just matches the curtain.

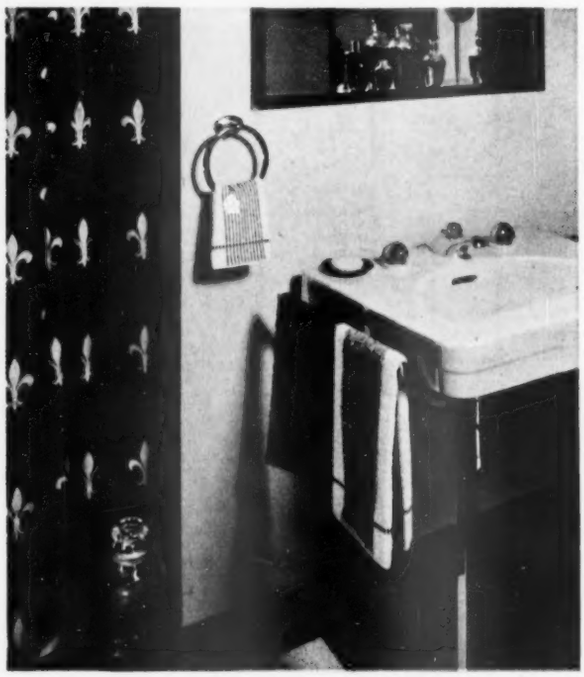
The smallest bathroom can have style →

Gay conversation-starting wall covering teams with an unusual, but practical, window treatment to set the mood here.

Lighting for the angled mirror wasn't forgotten either. This bathroom is from the Robert Dietz home, Cincinnati.

Color can re-do your bathroom to fit any mood you prefer

If you like Contemporary, color- and design-matched towel-and-shower-curtain ensembles fill the bill. For luxury touch, carpet bath by cutting a large cotton loop rug in sections to fit around fixtures



If you prefer Traditional, you'll find ensembles for the bathroom, too. In these two bathrooms, the fixtures are the same. Only towels, shower curtain, and accessories are changed. Look at the difference!

For more color schemes, see next page

Color news for your bathroom

Continued

Photographs: Hopkins, Suter, Hedrich-Blessing

Here's a bathroom fit for a king

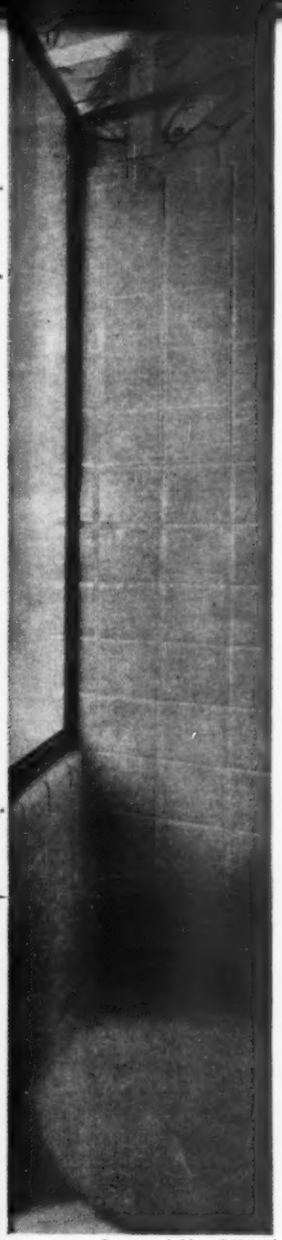
Pamper the man of the house with man-size towels in man-tested colors.

He'll start the morning with a smile if he shaves in these surroundings. Note unusual towel racks and hangers. They'll bring your bathroom out of the ordinary.

The hamper inspired this color scheme

Pink-and-red combination is a gay idea for a bathroom. Accents of black make the room even more distinctive and stylish.

Striped guest towels here were intended to be kitchen dish towels. Just look how they seem to belong in the bath. Even the unusual doorknob is part of the scheme.



Decorator: Lubliner & Himmel

Tile was the starting point

Maybe you'll start your bathroom color scheme with colored fixtures, or the wall, floor, and counter ceramic tile as was done at left.

Here's another example of the wall coverings you can find to add distinction. Note how the rug just matches the blue of counter doors.

Children's bath doubles as powder room

If you have a 1½- or 2-bathroom home, turn one bathroom over to the children and and let it double as a powder room.

Children love bright wall coverings and floors. Just change towels before you entertain, and there's your guest bath!

Do you like Early American?

Carry your decorating preference on into your bathroom and make your home complete.

The linoleum wall covering was the starting point here. Then came the color-matched floor covering. Burnt-orange towels and the kitchen copper accessories are "perfect" accents.

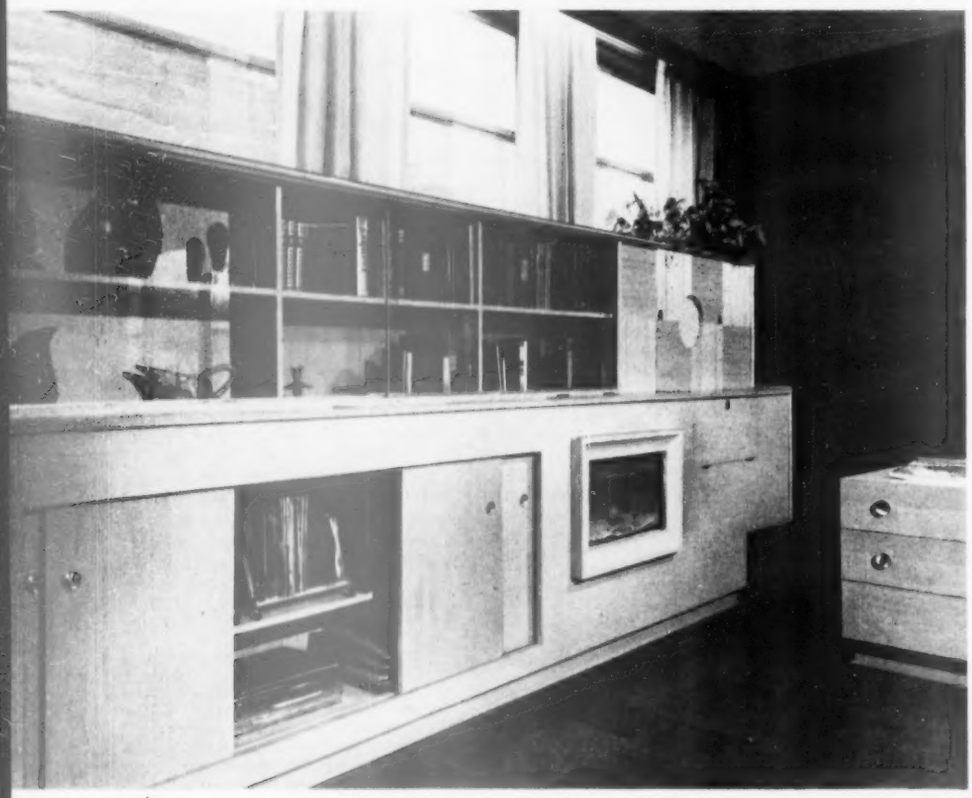
What's your decorating problem? Whatever it is, visit one of the Home Planning Centers operated in cooperation with Better Homes & Gardens. You'll find the name and address of the Center nearest you in the listing on page 137.

Here's a houseful of built-in ideas

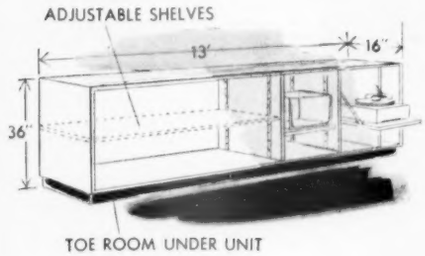
By Polly Cramer

The Adrian Diamonds of Cincinnati, like any large family anywhere, know the problems that come with having clothing and bedding in quartermaster lots. Not to mention all the roller skates, dolls, baseball gloves, and erector sets that five active children can collect over a period of years.

So the big consideration in designing a livable house for them was storage. Architects Earl and Druce Henn came up with built-ins that *perform* as well as *store*. These units lend beautifully engineered support to turning out the day's meals and the week's laundry and ironing. They are the backbone of efficient utilization of space. And, carried from room to room in the Diamond house, these splendid built-ins have the effect of "unifying" interior design in the same way fine furniture of one style or period brings this result.

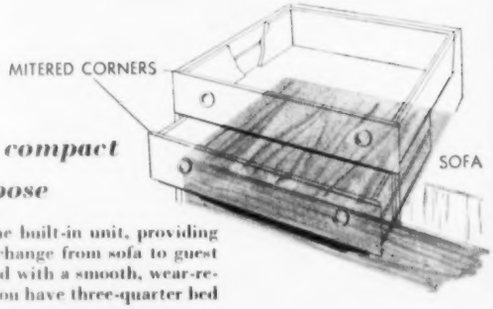


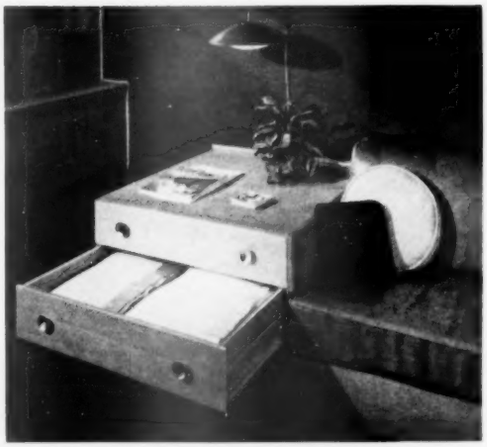
Built-in unit makes the most of space below high windows



Bookshelves are also showcase for decorative pieces. Unit has sliding glass doors to eliminate the need for frequent dusting.

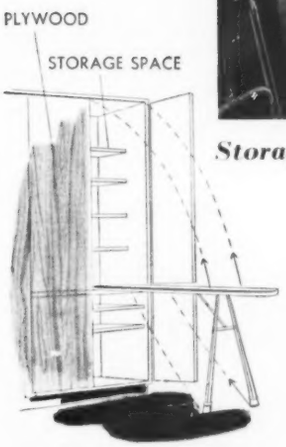
Panels of striated plywood cover speaker system for radio and phonograph. Natural-finished birch cabinet holds record albums and games; at right is built-in aquarium.





Sofa bed and cabinets in compact unit give room dual purpose

Living-room sofa and end tables are one built-in unit, providing a blanket drawer handy for the quick change from sofa to guest bed. Six-inch foam-rubber pad is covered with a smooth, wear-resistant plastic. Remove back rest, and you have three-quarter bed

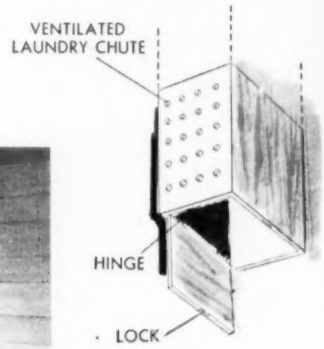


Storage wall accommodates all ironing needs

Directly opposite laundry area is this ironing center. When ironing board is folded down, as shown here, shelves for freshly ironed clothing are close at hand.

Cabinets store cleaning supplies and out-of-season bedding. Table on casters rolls out of recess when laden with clothing that goes to other parts of the house.

Photographs: Suter, Hedrich-Blessing



Laundry has "built-in" efficiency

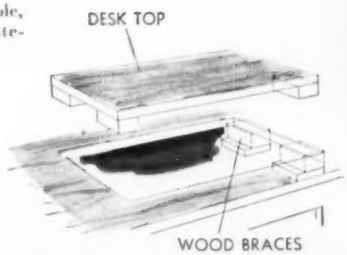
To make this well-planned laundry area even more convenient, soiled clothing comes down from upstairs into this ventilated chute.

Unit below chute is for soap, starch, and bleach. Clothing to be ironed goes to cupboard at right.

Here's spacesaver in small area

Buffet is built in under windows of dining area. Sliding birch doors give access to shelves for dishes, linens, and silver chest.

With just a step to take from storage to table, setting is handled with ease. Cabinet has plate-glass top to set serving dishes, appliances on.



Versatile unit is desk or sewing center

Combination desk and sewing center form a compact unit for household planning and ordering, for mending and sewing. A cabinet for patterns opens at right. When not in use, sewing machine is stored on shelf in cabinet at left. Center drawers hold other sewing supplies

North Carolina's highway patrolmen are trained in control gathering area at Fayetteville. At right are John O. Moore, principal investigator, and Robert M. Tracy (second from right), field supervisor, Cornell Crash Injury Research. Other states included in this project are Maryland, Virginia, Indiana, and Connecticut

Photographs: Garland, Killebrew

The highway patrolmen take interior and exterior photographs of the cars from several angles. This provides a visual record of the amount of damage and can yield clues to what causes injuries. Photographs, plus patrolmens' and doctors' reports, are kept on file by the Crash Injury Research

From the wreckage, safer cars!

By Harold Mehling

Why are the occupants of two cars involved in an accident at 40 miles per hour—or less—crippled or killed, while people traveling at twice that speed often survive the crash? Is it fate or luck?

That question has puzzled safety authorities for years. From the mountain of traffic-accident reports piled up by local and state highway police, it was hoped, would eventually come the answer. One group of safety experts recently launched a radically different search when they realized that the causes of *accidents* had been studied from countless angles, but an intensive, wide-scale survey of the causes of *injuries* had never been undertaken.

This study, one of the first of its kind in the history of the automobile, has been made possible by the joint efforts of several state police organizations and the Cornell University Medical College, Department of Public Health and Preventive Medicine. This project functions under an Armed Forces grant and with the active cooperation of the automotive industry. The manufacturers, of course, are constantly searching for ways to make cars safer, and the new survey will give them a tool they've long wanted: reliable information on which to base specific design changes that will save lives or minimize injuries—not have the opposite effect.

At the heart of the project are state troopers, trained in the investigative techniques of auto-crash-injury research. Here is an example of how the troopers work:

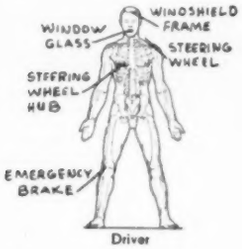
It's 8:30 on a rainy morning 27 miles south of Baltimore, along roaring U. S. 1. A Maryland state trooper suddenly wrenches his prowl car off the concrete and pulls up on the gravel shoulder. He and his partner [*Turn to page 147*

These reports may give a long-sought answer

Patrolmen's findings at the scene of a crash are entered on a simple, fact-loaded form which is used by all participating states.

Crash Injury Research doesn't jump to conclusions. Not until all information has been tabulated will any of the findings be made available to the design engineers.

Head-on collision at 55 miles per hour

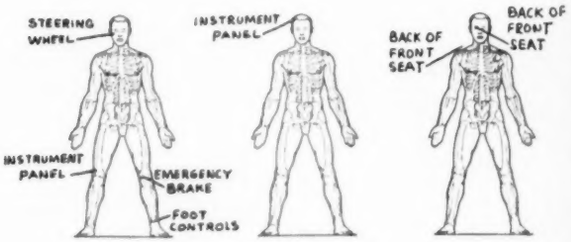


North Carolina highway patrolmen investigating the accident reported both cars were going 55 miles per hour at impact. Crash Injury Research finds that injuries resulting from almost identical accidents often differ widely.

The driver, alone in car, survived, but was seriously injured. The surgeon who treated the victim reported the following injuries: abrasion of forehead, superficial laceration on neck and chin, fracture of collar bone, collapse of right lung, and bruise on right knee.

Smith

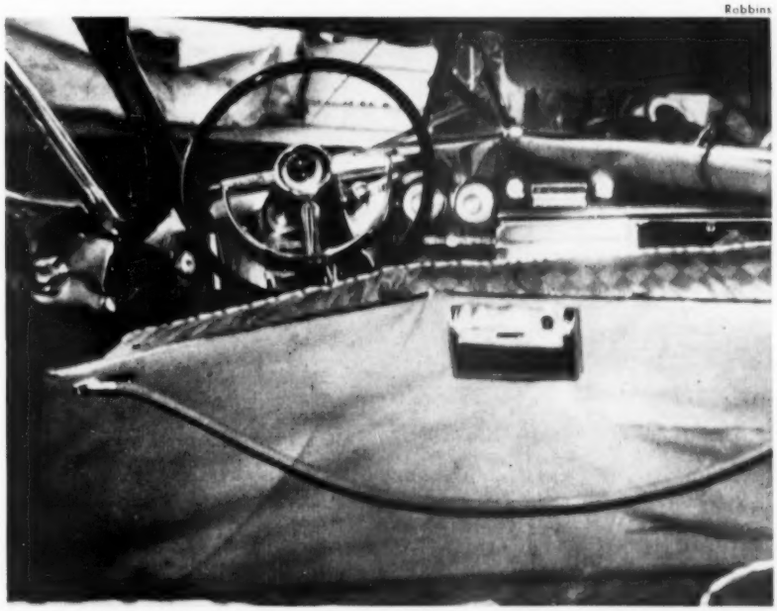
Collision with pole at 50 miles per hour



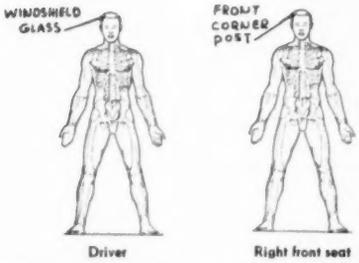
Maryland highway patrolmen reported this car's speed at 50-55 miles per hour at impact. Three men, two in front, one in rear, were occupants. Car hit the pole, slid broadside 90 feet, rolled over and came to rest on its top.

Injuries were moderate. Most serious was severe comminuted fracture of the left ankle by the driver. His knees were bruised, and he received minor lacerations on his face. Rider in front received a forehead laceration. Rear-seat passenger received a nose abrasion and a shoulder sprain.

Robbins



Collision on curve, 40 miles per hour



Crash Injury researchers inspect a car at the scene of a North Carolina rural accident. Investigator Moore is holding a strand of hair which affords an exact clue of what part of driver's body struck the windshield and why the victim sustained a moderate head concussion.

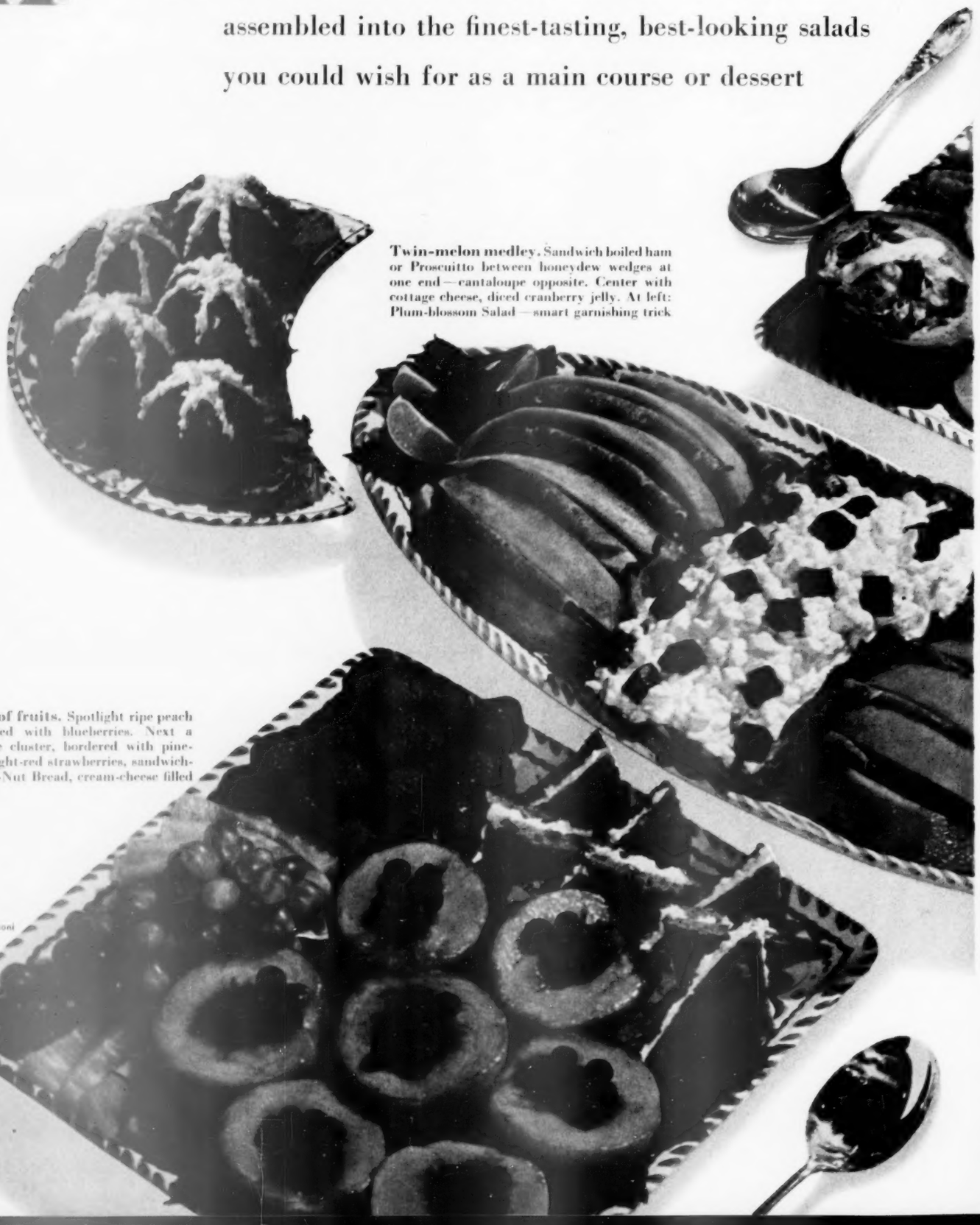
On-the-spot reporting is necessary to insure accurate information: victims and witnesses often can't account for injuries. Field and medical reports—by attending physicians—are forwarded to research center for analysis.

Wommack

SUMMER COOK BOOK

Salads . . . here is summer's bounty,

assembled into the finest-tasting, best-looking salads you could wish for as a main course or dessert



Twin-melon medley. Sandwich boiled ham or Prosciutto between honeydew wedges at one end—cantaloupe opposite. Center with cottage cheese, diced cranberry jelly. At left: Plum-blossom Salad—smart garnishing trick

Carnival of fruits. Spotlight ripe peach halves, filled with blueberries. Next a green-grape cluster, bordered with pineapple—bright-red strawberries, sandwiches of Date-Nut Bread, cream-cheese filled

Photographs: Kuoni

Salad and seafood tray. Nothing as cool as a Cucumber Ring Mold filled with shrimp and curly endive, circled with tomato and cucumber slices. Let perky cucumber cups hold the dressing

Half-shell plate luncheon. Fill avocado halves with delicious Lobster Salad; line up with raspberry-topped pineapple slices and orange wedges. Trim with fresh grape leaves

Recipes on page 126

Fruit-salad beauty. Bias-cut chunks of banana rolled in nuts — melon crescents — watermelon balls made with an ice-cream scoop — mint sprigs, Creamy Mayonnaise

For tasty summer sandwiches that hit the spot, turn page

SUMMER COOK BOOK

Sandwiches . . . Some are hearty; some are party. All are easy to fix. Take your choice for the garden buffet or for the family supper. Or, how about an after-swimming snack?

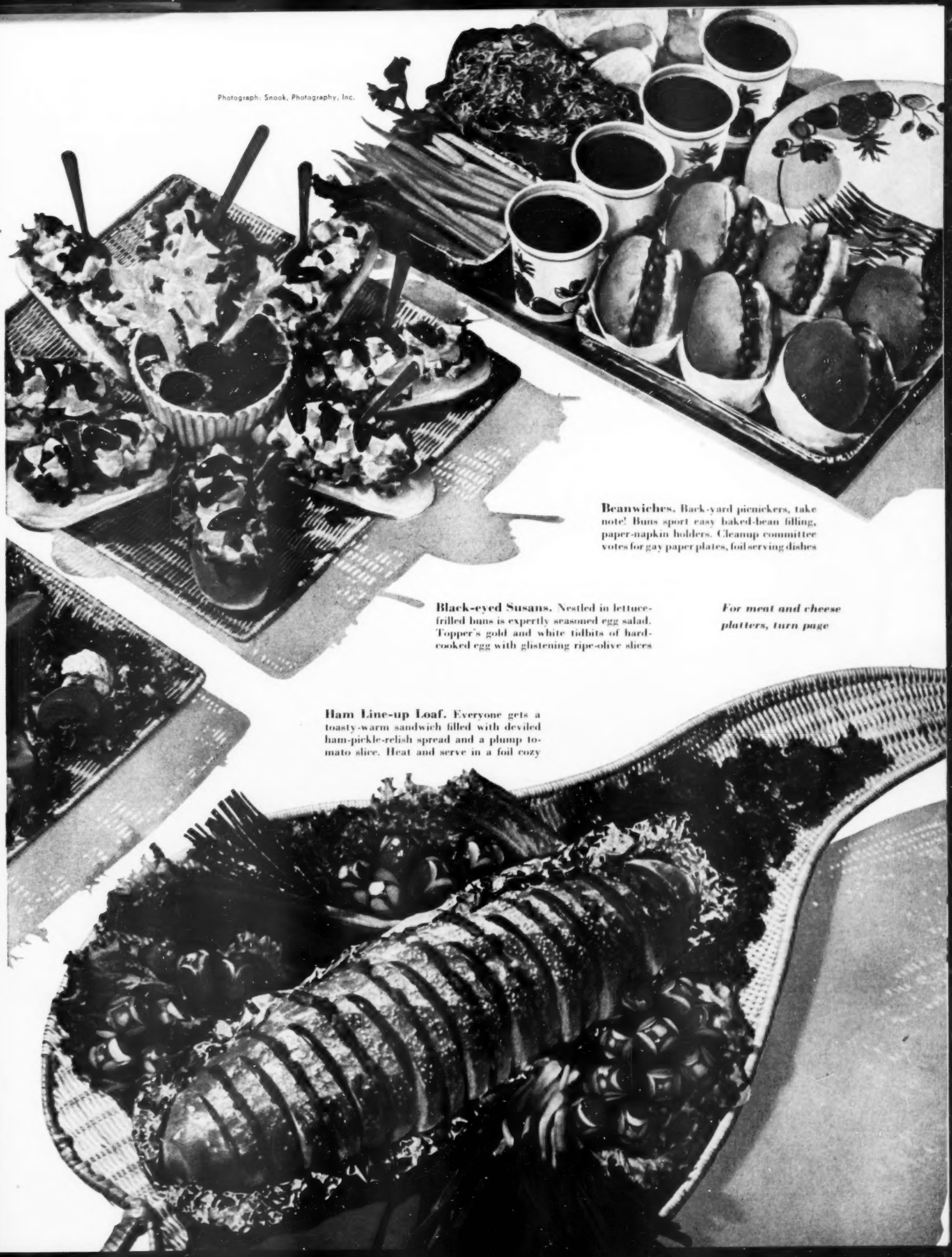
By Myrna Johnston

Rye-pie Sandwich. Round and round we go—on a round bread slice. Center is salmon salad; circles of cottage cheese and chopped eggs. Cut in wedges for fancy lunch or snack

Summer Sandwich Loaf. It's chilly as the iced lemonade, pretty as its olive-daisy trim. The pink filling's ham; the other, egg salad. "Frosting" is cream cheese. Men will applaud

Recipes on page 98

Photograph: Snook, Photography, Inc.



Beanwiches. Back-yard picnickers, take note! Buns sport easy baked-bean filling, paper-napkin holders. Cleanup committee votes for gay paper plates, foil serving dishes

Black-eyed Susans. Nestled in lettuce-frilled buns is expertly seasoned egg salad. Topper's gold and white tidbits of hard-cooked egg with glistening ripe-olive slices

For meat and cheese platters, turn page

Ham Line-up Loaf. Everyone gets a toasty-warm sandwich filled with deviled ham-pickle-relish spread and a plump tomato slice. Heat and serve in a foil cozy

SUMMER COOK BOOK

Meats and cheese

. . . It's easy to fix cool, cool meals with that festive look when you count on these ready-to-serve favorites. Be sure to gild your platters with crisp, garden-fresh relishes and salads

Ham 'n eggs, summer style. Spread ham slices with prepared horse-radish and mustard. Roll and put down center of your chop plate. Garnish with water cress, and edge the plate with Deviled Eggs

Photograph: Snook, Photography, Inc.

Garden-patch tray. Cucumber spears and fat stuffed olives go in one corner—sliced cheese in another—pert relishes in the third—then Marinated Green Beans wrapped in meat slices of your choice

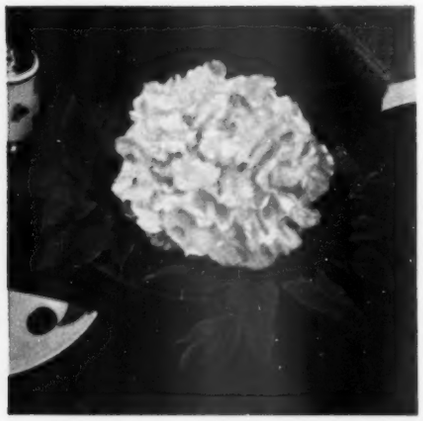
Turn to page 78 for cooling vacation-time desserts

Red-hot platter. For a quick, hearty supper, you can't beat these Barbecued Frankfurters served on lettuce, with additional hot sauce on the side—and a zesty, satisfying Macaroni-and-Cheese Salad

Four-square special: luncheon-meat slices, cabbage slaw and Avocado Dressing, big Bologna, pimiento cottage cheese, Golden Liverwurst Balls. Pass sandwich buns

Recipes on page 114

Buffet plate. Make this delicious Ham Mousse hours in advance. Put lettuce-lined bowl of dressing in center and garnish with Two-tone Tomatoes and Sweet-pickle Fans



Make a striking arrangement with 1 flower such as a Chinese peony.

Place leaves on needlepoint so they are high enough to protect petals from water-soaking. Cut stem of blossom long enough to clear water.

Photographs: Hopkins

For an easy splash of color, cut 1 canna lily 1½ to 3 times diameter of bowl, and center it on needlepoint holder.

Cut 6 leaves and arrange them as pictured, two larger leaves lower down, and all facing the center stem.

Place just 1 morning-glory in a bud vase like this one with smooth, flowing lines.

Three vines form your triangle. Choose ones with fat buds for vines above and below blooms. Bring long, trailing vine around in front.

Three-minute flower arrangements

By Fae Huttenlocher

HERE ARE flower arrangements easy to make and easy to look at. Their simple lines will refresh you on the hottest days. We tell you what to do with one to four flowers and their leaves in a matter of minutes.

Tuberous begonias are naturals for quick, floating arrangements. To begin, cut 4 stems with blooms as pictured and enough leaves to protect petals from water. Secure leaves on needlepoint. Arrange 3 flowers in triangle; then center the longer stem with massed bloom

How to make vegetable soup like *Campbell's*

Buy a sturdy marrow bone and a chunk of lean beef. Yes, it's *Vegetable* Soup you're making—but you want the flavor of a good meat base. Then you'll need some truly remarkable vegetables. Crisp carrots, deep orange in color; firm red tomatoes of proud ancestry; baby limas . . . and so on till you have 15 different vegetables, all practically County Fair winners. Next you'll want alphabet macaroni, barley and just the right spices and seasonings. What! You're tired already—even before you start peeling and paring? But you really needn't bother. It's all been done for you in Campbell's Vegetable Soup. So why not buy three or four cans? Open, heat and serve in just a few minutes. It's a wonderful soup!

Pure California lemon juice already squeezed for you! *All you add is water!*

LEMON PRODUCTS ADVISORY BOARD, Los Angeles, California

"Cool! Quick! Luscious!

Make 'em both the easy, easy way!

Wouldn't your family go for that big, friendly-looking tray of ice-cold lemonade—with a high, light 'n honey of an angel food cake? Just the thing for summer afternoons—or nights . . .

And it's so simple! All you have to do is to open one of those convenient small cans of Frozen Lemonade from California and add water—one six-ounce can makes a quart of the finest lemonade. You couldn't make better if you "squoze" the lemons and "squooshed" the sugar yourself! Trim with fresh mint, add a gay cherry!

Easy as easy, too, to have that big white cake all ready. Just bake it in the

Cake 'n Lemonade!" says Betty Crocker

OF GENERAL MILLS

morning from our newest pride and joy – our Betty Crocker Angel Food Cake Mix. Bakes a cake as high, light, and angel-perfect as Betty Crocker's own 13-egg angel food recipe.

Anyone can bake it. All the fine country egg whites you need are right in the package. And, especially with ice-cold lemonade, angel food tastes so heavenly you don't need an icing.

Stock up now for summer week-ends–stock up for fun with lots of California's finest frozen concentrate for lemonade – and with Betty Crocker's finest–the new Betty Crocker Angel Food Cake Mix.

It's **C-O-O-L!**

A perfect cake every time you bake–
cake . . . after cake . . . after cake . . . after cake!

SUMMER COOK BOOK

Desserts . . . Just serve one of these chilly dazzlers on a summer day. Everyone's spirits will skyrocket, the thermometer almost take a tumble. Each dessert is as luscious as it looks, and so simple to whip up. What will it be? Pie, cake, sundaes?

Raspberry Sno-cap Pie. One bite, and we bet you won't be able to put down your fork till your piece is gone! Filling's ruby-red gelatin with real berry-patch flavor. Billows of whipped cream, banana slices cut on the bias make the border

Strawberry Ice-cream Mountain. Exciting for the Fourth of July, easy any time. Use mixing bowl as a mold. Line it with buttery graham-cracker crumbs; fill with pink strawberry ice cream and freeze firm. Trim with whipped cream, fresh berries

Fruit Sparklers. Good as if it took a lot of fixing! For each of your thirsty pals, scoop two balls of orange sherbet into a tall glass. Then fill with chilled orange pop. Slip a half-slice of orange over the rim and poke a sprig of fresh mint to one side. Now, everybody, take to your straws!

Photographs: Snook, Photography, Inc.

Rainbow Meringue Sundaes. Busy hostess? Try this. Fill meringue shells (from the store) with ice cream or sherbet in three lovely pastels—your choice of color and flavor. Serve with a bowl of ice-cold pineapple tidbits

Moonlight Cake. Bake one cake, serve it four feathery layers tall! This is a new kind of recipe—a family-size chiffon. Between layers is tangy Orange Filling; over top and sides, Frosty Frosting. "Moons" are gumdrop candies

Recipes on page 126

SPACE-MAKERS

These add up to a bigger kitchen

Double-purpose center island. Hungry family gets quick service direct from the cooking top when it's lunch or snack time. Designer-owner Robert F. Lusk, Jr., of Tucson, planned this center counter to gain working and eating space. Note that diners will stay out of the cook's path. Edge and overhang of table give folks plenty of knee room, and they can prop their feet comfortably on the ledge

Photograph: Gaynor. Decorator: James Goebel

Here's the cooking side of the same island. Mrs. Lusk travels only a few feet to get to the sink at left, or the refrigerator and ovens behind her. She also appreciates the island's extra counter space when she fills platters or arranges plate meals going to the dining room

With a little ingenuity and a few dollars, you can add extra cooking or eating space to your present-size kitchen. For tricks that stretch inches of storage space, see page 120

Sit-down table borrows only a bit of floor and cabinet space

Fish

Tuck-away table. It measures 28 inches square, pulls out for snacks, children's lunches, or sit-down jobs. Also makes a loading dock for pies and cakes en route to built-in oven at left. Protect the table's birch finish with hot pads when you set down dishes from oven

A slight heave ho, and this table disappears into the cabinet. Swing open the door under table, and you'll reveal two roomy shelves that store oven-going casseroles and table-going dishes. The wide drawer above holds cooking utensils and a tray of silverware

When you close them completely, the table, drawer, and roomy storage cabinet add up to this handsome unit. See how it lines up flush with neighboring base cabinets. If your kitchen needs more sit-down space, check with handyman about working in idea you see here

More on page 120

This is the easy Wesson way for barbecue sauces and salads

Pour Wesson Oil for fresh, savory barbecue sauce and save the fuss of measuring and melting solid fat. Pour delicate Wesson Oil for the fresh, homemade salad dressing you make in *one minute!* It's Wesson's wonderful *delicacy* that brings out all the subtle flavor and garden freshness of salads. It's Wesson that stays pure and delicate, even over hot barbecue fires, to protect the good flavor of all your outdoor cooking.

You can't buy dressing or sauce that could suit your taste more exactly. Those you make with light, sparkling Wesson Oil—you can season to your own liking—mild or spicy, just as you prefer!

FIESTA FRENCH DRESSING
(for salad)

¾ cup Wesson Oil
¼ cup vinegar
1 teaspoon salt
1 teaspoon sugar
2 teaspoons paprika
¼ teaspoon black pepper
2 teaspoons French's Prepared Mustard

Combine and shake well in covered jar. Yield: 1 cup.

CRISP GREEN SALAD: Combine your favorite greens, such as romaine, watercress, leaf lettuce, head lettuce and spears of French endive; garnish with cucumber and radish slices. Toss with Fiesta French dressing.

WESSON JIFFY BARBECUE SAUCE
(for basting and serving with chicken)

½ cup Wesson Oil
¾ cup chopped onion
¾ cup ketchup
¾ cup water
½ cup lemon juice
3 tablespoons sugar
3 tablespoons Worcestershire sauce
2 tablespoons French's Prepared Mustard
2 teaspoons salt
½ teaspoon black pepper

Cook onion till soft in hot Wesson Oil. Add remaining ingredients. Simmer 15 minutes. Enough sauce for basting and serving with 2 chickens.

FOR BARBECUING CHICKEN OUTDOORS: Brush sauce on halves of broiler chickens before and during broiling. Broil 30 to 45 minutes—12 to 14 inches from coals. Start with inside of chicken down facing coals and turn to finish with skin side down. Serve with remaining sauce.

This sauce may also be used for barbecuing indoors. Wonderful with hamburgers, frankfurters, or other favorites.

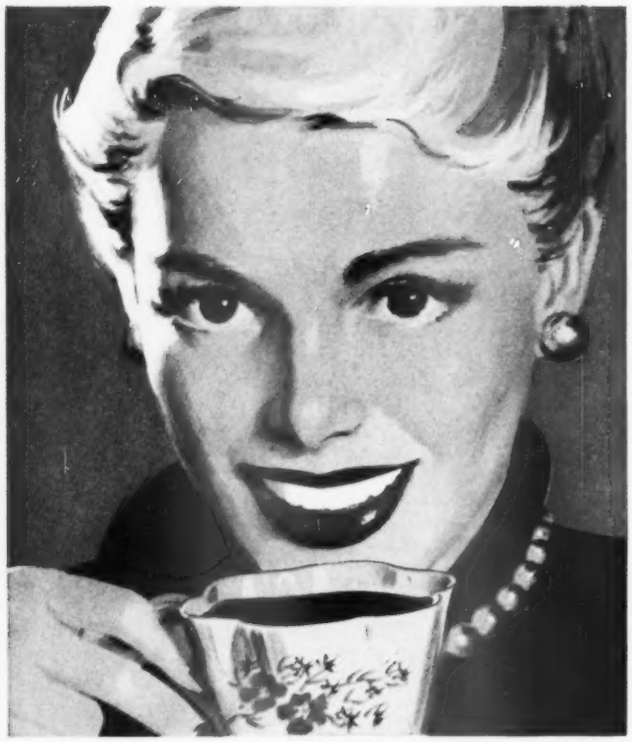
Let's have a barbecue...
and for the sauce and the salad, use America's Favorite...

Wesson Oil

See "HAWKINS FALLS" NBC-TV network Monday thru Friday

Even a tiny difference in **freshness...**

makes a big difference in **flavor!**



CHASE & SANBORN COMES TO YOU FRESHER THAN ANY OTHER LEADING COFFEE!

True—*most* coffees are fresh *some* of the time . . . no matter how they're packed. But only *one* coffee—Chase & Sanborn—*always* brings you that extra freshness that makes such a big, big difference in your coffee cup.

The reason is pressure packing. For only pressure packing can pack coffee right out of the roaster, while flavor's richest. Then all flavor-stealing air is replaced by flavor-*sealing* vapor. Pressure surrounds *each coffee grain* to lock flavor *in!* That's why Chase & Sanborn "Dome Top" Coffee is fresher than coffee in vacuum cans or bags.

What's more, *you prove it's fresh* before you buy! The rounded top of the can tells how. *You can't test coffee packed any other way!* Discover the wonderful difference *real* freshness makes in coffee. Try Chase & Sanborn today!

Pressure Packed for fresher flavor!

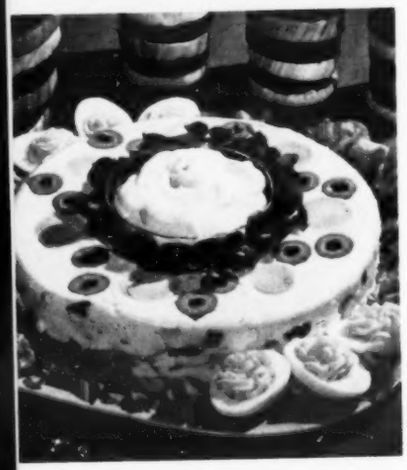
CHASE & SANBORN COFFEES ARE SERVED BY MORE FINE HOTELS AND RESTAURANTS THROUGHOUT AMERICA THAN ANY OTHER BRAND!

Hot Potato Salad

- 4 medium potatoes (4 cups cooked, sliced)
- 6 to 8 slices bacon, diced
- ¼ cup chopped onion
- 1 tablespoon enriched flour
- 1 tablespoon sugar
- 1½ teaspoons salt
- Dash pepper
- ⅓ cup vinegar
- ¼ cup water
- 3 hard-cooked eggs, sliced
- 1 tablespoon chopped parsley
- ½ teaspoon celery seed

Cook potatoes in jackets till tender; drain, peel, slice. Fry bacon till crisp; add onion and cook 1 minute. Blend in flour, sugar, salt, and pepper; add vinegar and water; cook and stir till thick. Pour vinegar mixture over hot potatoes; add eggs; mix. Sprinkle with parsley and celery seed. Serve warm. Makes 4 servings.

Mrs. George M. Booth, Pocahontas, Arkansas

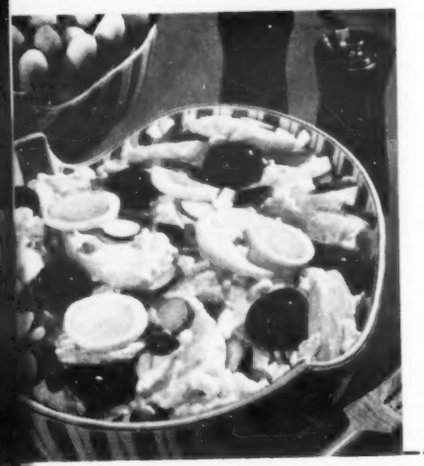


Party Potato-salad Mold

- 1 tablespoon (1 envelope) unflavored gelatin
- ¼ cup cold water
- 1 cup hot water
- ¼ cup lemon juice
- 2 tablespoons sugar
- 1 teaspoon salt
- 8 stuffed olives, sliced
- 3 hard-cooked eggs, sliced
- 1 cup diced celery
- 4 cups diced cooked potatoes
- ¼ cup diced green pepper
- ¼ cup diced pimiento
- ¼ cup chopped green onions
- ¼ cup chopped parsley
- 1½ teaspoons salt
- 1 cup mayonnaise
- ½ cup heavy cream, whipped

Soften gelatin in cold water; dissolve in hot water. Stir in lemon juice, sugar, and 1 teaspoon salt. Pour thin layer of gelatin mixture into 1½-quart ring mold; chill. When almost firm, place a design of olive and egg slices on top. Chop remaining olive and egg slices; mix with remaining ingredients and rest of gelatin mixture. Pour over gelatin in ring mold. Chill till firm. Unmold on crisp lettuce. Makes 8 servings.

Emma C. Palo, Minneapolis, Minnesota



Cottage-cheese Potato Salad

- 3 hard-cooked eggs
- 4 cups cooked, sliced, cooled potatoes
- 1 cup diced celery
- 1 cup large-curd cream-style cottage cheese
- ¾ cup mayonnaise
- ½ cup sliced radishes
- ½ cup diced green pepper
- ½ cup sliced green onions
- 2 teaspoons salt
- ¼ teaspoon pepper
- Ripe olives

Set aside 1 egg for garnishing. Chop 2 eggs; mix with remaining ingredients except olives. Chill. Garnish with egg slices and olives. Makes 6 to 8 servings.

Mrs. E. Albrecht, Chicago, Illinois

Better Homes & Gardens PRIZE TESTED RECIPES

Berry shortcakes

(DESSERTS)

Photographs: Nelson, Photography, Inc.

Real Old-time Strawberry Shortcake

Wonderfully rich! Grandmother's best shortcake recipe!—

- 2 cups sifted enriched flour
- 2 tablespoons sugar
- 3 teaspoons baking powder
- ½ teaspoon salt
- ½ cup shortening, butter, or margarine
- 1 beaten egg
- ½ cup light cream
- 3 tablespoons soft butter or margarine
- 4 cups sweetened, sliced strawberries
- 1 cup heavy cream, whipped

Sift together dry ingredients. Cut in shortening until mixture resembles coarse crumbs. Combine egg and cream; add, stirring just till dough follows fork around bowl. On lightly floured surface, pat or roll to 1 inch. Cut with 2½-inch cutter. Bake on ungreased baking sheet in very hot oven (450°) 8 to 10 minutes. Split shortcakes, spread with soft butter. Spoon berries between layers and on top. Serve warm with whipped cream. Makes 8 servings.

Mrs. Frank McNally, Oakland, California

Berry Sponge Shortcake

Beat 3 eggs until thick and lemon-colored. Add 1 cup sugar gradually, beating well after each addition; stir in 1 tablespoon lemon juice. Sift together 1 cup sifted cake flour, 1 teaspoon baking powder, and ¼ teaspoon salt; fold into egg mixture. Melt 1 tablespoon butter or margarine in ½ cup hot milk; quickly blend into egg mixture. Pour into ungreased paper-lined 9x9x2-inch pan. Bake in moderate oven (350°) 30 minutes, or till done. Top with sweetened berries and whipped cream, or split and fill between layers with berries.

Mrs. Floyd Henson, Rochester, New York

Orange Roll-ups

- 2 cups sifted enriched flour
- 3 teaspoons baking powder
- 1 teaspoon salt
- 2 tablespoons sugar
- ¼ cup shortening
- 1 beaten egg
- ½ cup milk
- 2 tablespoons melted butter or margarine
- 1 tablespoon grated orange peel
- ¼ cup sugar

• • •

- Sweetened berries
- Sweetened whipped cream

Sift together flour, baking powder, salt, and 2 tablespoons sugar. Cut in shortening until the mixture resembles coarse meal. Combine egg and milk; add to sifted dry ingredients, stirring just till dough follows fork around bowl. Roll or pat on lightly floured surface to 10x6-inch rectangle; brush with melted butter. Combine orange peel and ¼ cup sugar; sprinkle on dough. Roll dough like jelly roll; cut in 1-inch slices. Arrange, cut side down, in a circle in greased 9x1½-inch round pan. Bake in hot oven (425°) 15 to 20 minutes. Serve warm with berries and cream. Makes 10 servings.

Mrs. George W. Scheef, Pontiac, Illinois

Strawberry Meringue Shortcake

- ¼ cup shortening
- ½ cup sugar
- ½ teaspoon vanilla
- 2 egg yolks
- 1 cup sifted cake flour
- 1½ teaspoons baking powder
- ¼ teaspoon salt
- ½ cup milk
- 2 egg whites
- ½ cup sugar
- Sweetened berries

Cream shortening; gradually add ½ cup sugar and vanilla. Beat in egg yolks. Sift together flour, baking powder, and salt; add alternately with milk to creamed mixture. Pour into 2 paper-lined 8x1½-inch round pans. Beat egg whites till frothy; gradually add ½ cup sugar and beat till stiff peaks form; spread over cake batter. Bake in moderate oven (350°) 30 to 35 minutes. Cool; spread berries between layers and on top. Serve with pitcher of rich cream or whipped cream, if desired.

Mrs. B. A. McDonald, Lake Charles, Louisiana

Better Homes & Gardens Prize Tested Recipes

Best potato salads

(SALADS)

Fourth-of-July Potato Salad

- 4 cups diced cooked potatoes
- 1 cup cut celery
- ½ cup sliced green onions
- ½ cup sliced radishes
- ⅓ cup chopped green pepper
- 3 hard-cooked eggs, sliced
- 1 teaspoon salt
- ¼ teaspoon monosodium glutamate
- ¼ cup French dressing

Combine above ingredients. Marinate 1 to 4 hours. Add 1 cup diced cucumber, 1 cup cubed cooked ham, and ⅔ cup salad dressing or Auntie's Special Dressing; toss. Garnish with Vienna-sausage "skyrockets." Makes 6 to 8 servings. **Auntie's Special Dressing:** Combine 2 tablespoons enriched flour, 2 tablespoons sugar, 1 teaspoon salt, 1 teaspoon dry mustard, dash pepper. Gradually add ¾ cup milk. Cook and stir till thick. Stir in ¼ cup vinegar; slowly stir mixture into 1 beaten egg. Cook and stir over *low* heat a minute or two. Add 2 tablespoons salad oil. Cool. Makes 1 cup.

Mrs. P. F. White, Miami, Florida

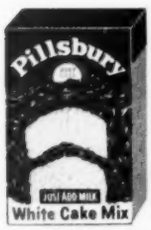
Pillsbury

(wouldn't you know!)

The only leading cake mixes with country-fresh eggs right in the mix

MILK IS ALL YOU ADD

(Now available in Canada, too!)



WHITE

CHOCOLATE FUDGE

GOLDEN YELLOW

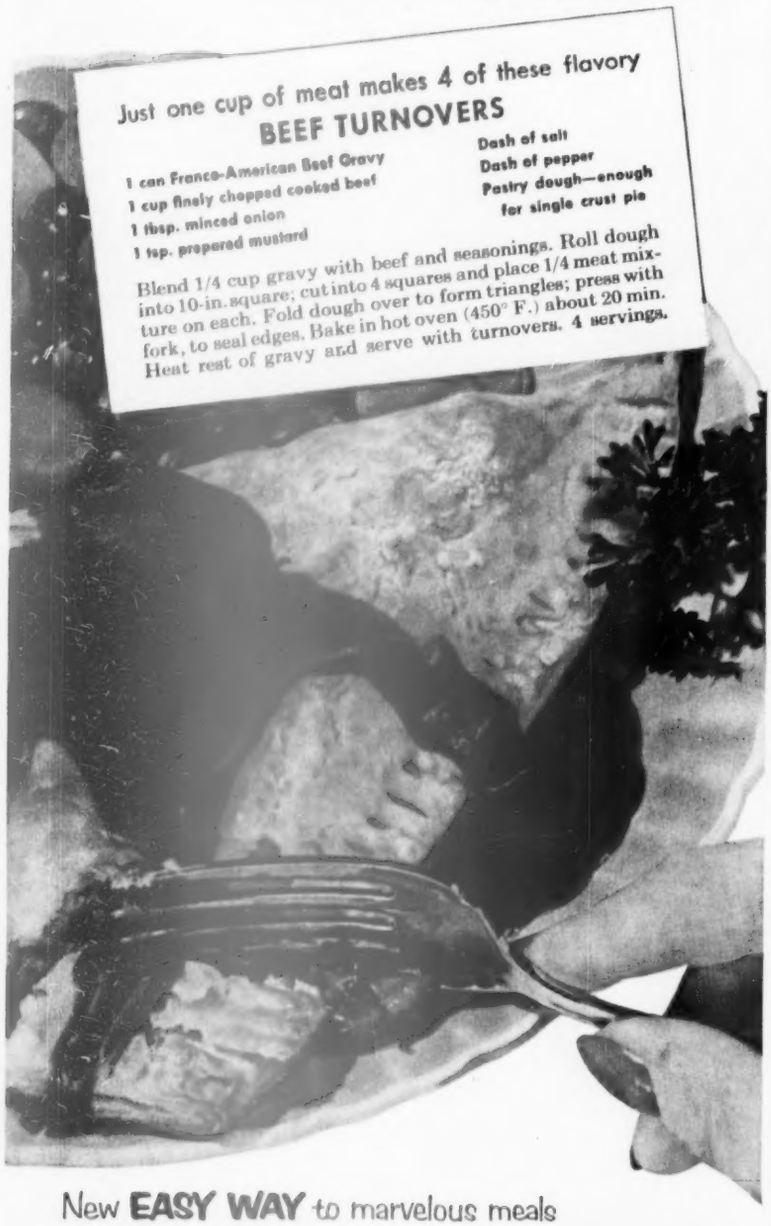
SPICE

P. S.—Add water to Angel Food

Get **RAVE-OVERS** from your leftovers—with

RICH BEEF GRAVY

READY TO SERVE!



Just one cup of meat makes 4 of these flavory

BEEF TURNOVERS

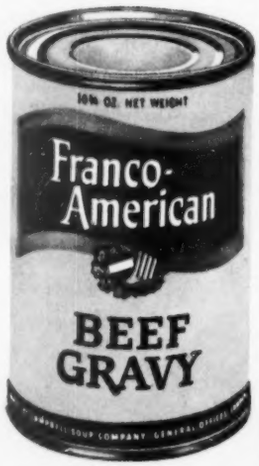
- 1 can Franco-American Beef Gravy
- 1 cup finely chopped cooked beef
- 1 tbsp. minced onion
- 1 tsp. prepared mustard
- Dash of salt
- Dash of pepper
- Pastry dough—enough for single crust pie

Blend 1/4 cup gravy with beef and seasonings. Roll dough into 10-in. square; cut into 4 squares and place 1/4 meat mixture on each. Fold dough over to form triangles; press with fork, to seal edges. Bake in hot oven (450° F.) about 20 min. Heat rest of gravy and serve with turnovers. 4 servings.

New **EASY WAY** to marvelous meals

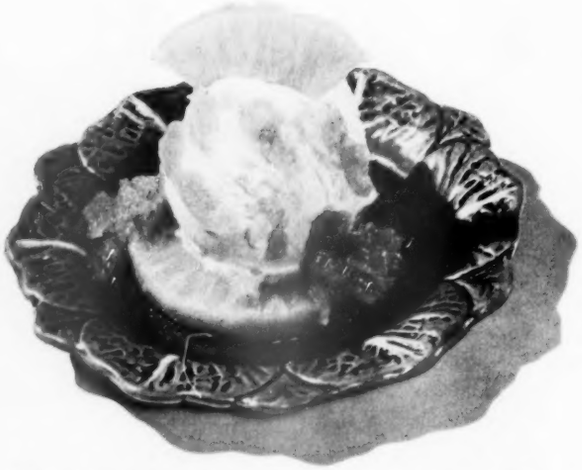
Pour Franco-American Beef Gravy over rice or potatoes, and taste the rich beef flavor! Just like your good home-roasting-pan kind, for it's made from fine, selected beef. You'll love it as gravy. You'll use it often in your cooking—to stretch leftovers into such delicious dishes as these—

- **HOT MEAT SANDWICHES** turn the last slices of your roast into an extra lunch or supper. Pour on plenty of Franco-American Beef Gravy for grand good eating.
- **CROQUETTES** are quick and dee-licious when you make them the easy way—with Franco-American Beef Gravy. Gives them richer, meatier flavor, too.
- **ROAST BEEF HASH**—the kind Dad loves—is as handy as your Franco-American Beef Gravy can. Moisten meat and potatoes with gravy, add a touch of onion. One cup of meat makes hash for 4—a real meat-stretcher!



READY ANY TIME ... PERFECT EVERY TIME

Yummy sauces for



Like minted pineapple? A few drops of mint extract and green food coloring make crushed pineapple take on extra-cool flavor and a new tint. Serve Minty Pineapple Sauce generously over jumbo scoop of vanilla ice cream, underlined with big, juicy pineapple ring. Tuck a quarter slice of pineapple, fan-fashion, in the top of each scoop

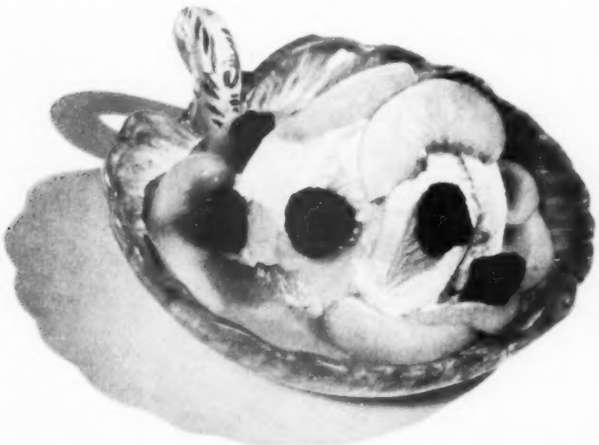
They're speedsters, all of them! You're sure to find a topper that suits your fancy, whether you like it fruity or thick and fudgy. Try each with a variety of ice creams

Photographs: Nelson, Photography, Inc.

He-man Fudge Sundae. This is a mountain of tasty eating! See how the thick fudge sauce rolls down the slopes till it meets the split banana on either side. Lavish sprinkles of chopped walnuts give added flair. This sauce is made with an instant cocoa mix; for one made with chocolate, see our recipe for Heavenly Chocolate Sauce

ice cream

Speedy Velvet Caramel Sauce. Here's a sweet-tooth treat that you can make with practically no fuss. Just heat ½ pound (28) caramels with ½ cup hot water in top of double boiler, stirring occasionally, till caramels are melted and sauce is smooth. Makes about 1 cup



Raspberry-Peach Sundae. Luscious and so summery with two fresh-fruit favorites. The syrup from the raspberries makes its own sauce. It's so simple, but don't overlook it! To fix, surround vanilla or peach ice cream with peach slices, then polka-dot with raspberries

More on page 96

SHAKE WELL AND

SERVE ICE COLD

Ice cold V-8 *is* delightfully refreshing on hot summer afternoons . . . and that delicious garden-fresh flavor will perk up even the laziest hot weather appetites. So plan to serve low-calorie V-8 often.

Remember—*V-8 Vegetable Juices gives you the delicious taste and nourishment of 8 juices in one drink.

*V-8 is a trademark owned by the makers of Campbell's SOUPS

GOLD 'N WHITE SALAD with cottage cheese and Pineapple Slices. Inviting and easy-to-fix for family meals and informal buffet entertaining. On platter, with crisp lettuce leaves, heap mound of cottage cheese. Decorate generously with drained Pineapple Slices. Accompany with French dressing or fruit salad dressing

Tempt 'em with Pineapple canned tropic-fresh

Nature's most refreshing flavor

CRUSHED
canned Pineapple, good to eat "as is," also makes delicious pies, cookies, puddings, icings, sundaes, meat sauces, jams

PINEAPPLE JUICE
tastes wonderful any time you're thirsty. Chill and shake well before serving

CHUNKS
of canned Pineapple (bite-size) and the smaller Tidbits are favorites for fruit cups, to sauté with meat, for salad-making and to sprinkle on puddings and cereals

Probably there never was a salad canned Pineapple couldn't improve! By adding a golden glamor-look . . . by making old favorites *taste new.* As with salads, so with main-course meats—with desserts and bakings, fruit servings, too—the more canned Pineapple in your eating the more you'll like all that you eat. Keep a "PINEAPPLE SHELF" in your kitchen with all 5 forms of this tropic fruit. Reach often for the pleasure flavor stored by Nature in canned Pineapple!

PINEAPPLE GROWERS ASSOCIATION, San Francisco

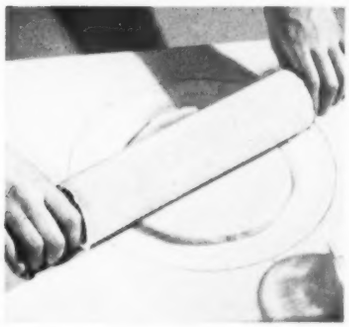
Pick cherry specials for good eating

Cherry pie deserves perfect Plain Pastry

Flaky and tender crust every time if you follow these simple picture steps.

When adding water to the flour and shortening mixture, sprinkle it, just a tablespoon at a time—and over only part of mixture.

Gently toss with fork, and push moistened part to one side of bowl. Repeat till all the mixture is moistened.

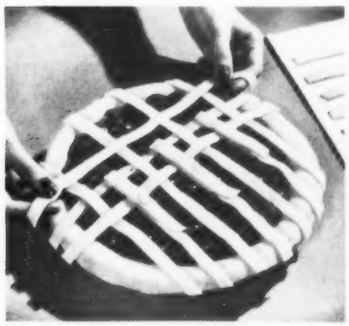


Rolling out is easy with rolling-pin cover and lightly floured pastry cloth.

Mark cloth with a circle 1 inch larger than pieplate. Or use a pastry cloth already marked. Then you can tell at a glance how much to roll.

Use light strokes. Always roll from center out to edges. If edges split, pinch together.

Easy way to weave a lattice top

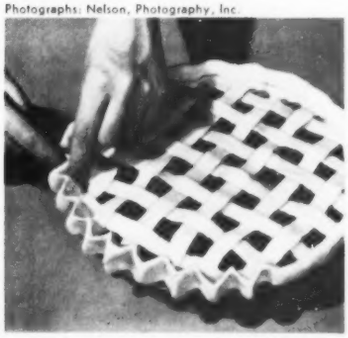


First trim the lower crust ½ inch beyond the edge of pan; roll out second half of pastry; cut in ½-inch strips.

Place seven strips one way across the cherry filling. Then weave first cross-strip through the center of other strips.

Here's the trick: Each time you add a cross strip, fold back alternating strips that go the other direction.

Photographs: Nelson, Photography, Inc.



Now seal the edges. Clever way to keep juice from spilling out is to fold lower crust over pastry strips.

Then make the fluted decoration around rim of pie by pressing the forefinger of one hand between the thumb and forefinger of other hand.

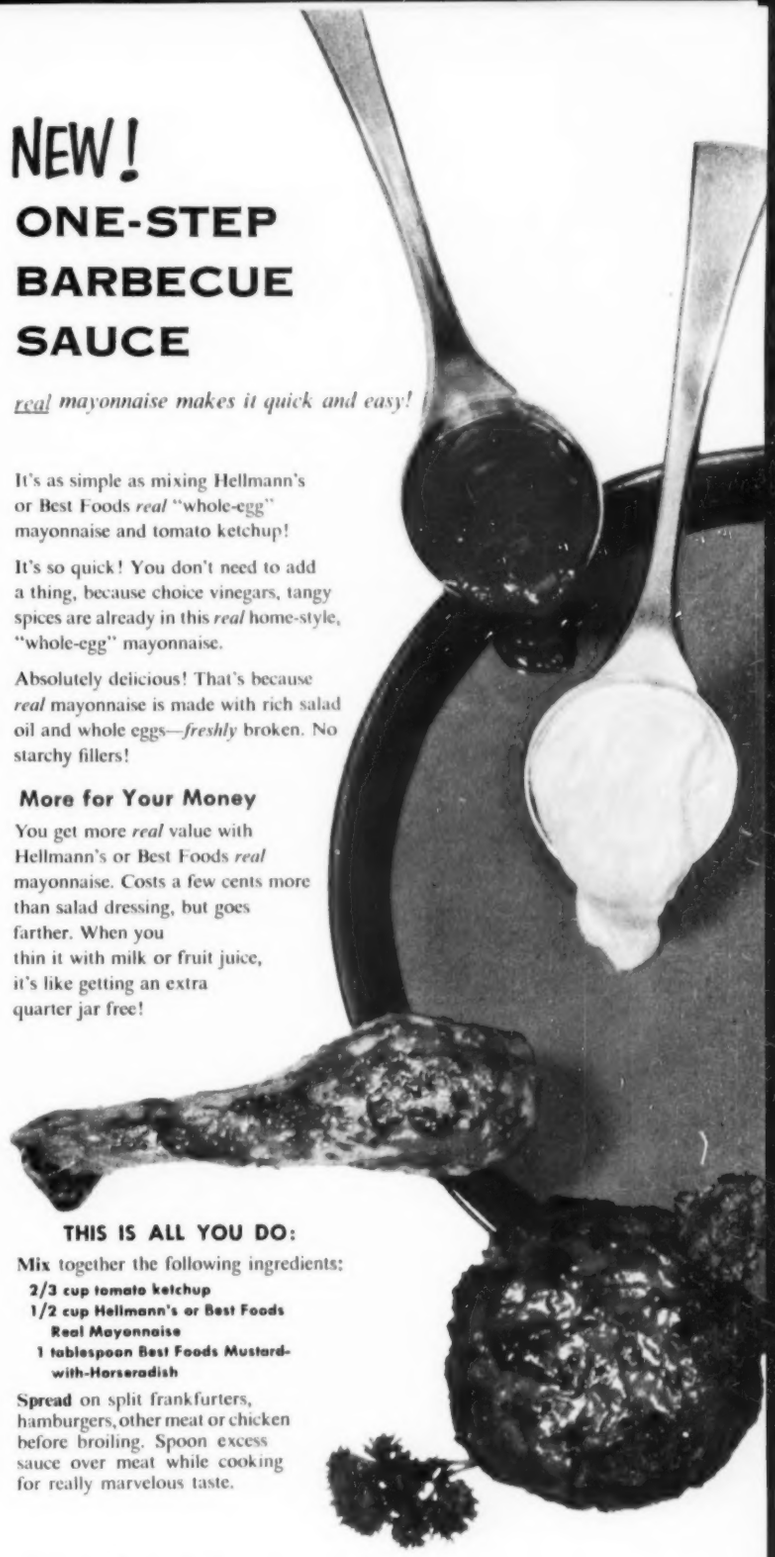
See page 92 for Cherry Jam

Cherry-pie recipes on page 93

NEW!

ONE-STEP BARBECUE SAUCE

real mayonnaise makes it quick and easy!



It's as simple as mixing Hellmann's or Best Foods *real* "whole-egg" mayonnaise and tomato ketchup!

It's so quick! You don't need to add a thing, because choice vinegars, tangy spices are already in this *real* home-style, "whole-egg" mayonnaise.

Absolutely delicious! That's because *real* mayonnaise is made with rich salad oil and whole eggs—*freshly* broken. No starchy fillers!

More for Your Money

You get more *real* value with Hellmann's or Best Foods *real* mayonnaise. Costs a few cents more than salad dressing, but goes farther. When you thin it with milk or fruit juice, it's like getting an extra quarter jar free!

THIS IS ALL YOU DO:

Mix together the following ingredients:

2/3 cup tomato ketchup
1/2 cup Hellmann's or Best Foods Real Mayonnaise
1 tablespoon Best Foods Mustard-with-Horseradish

Spread on split frankfurters, hamburgers, other meat or chicken before broiling. Spoon excess sauce over meat while cooking for really marvelous taste.

Only mayonnaise has "mayonnaise" printed on the label

Whole eggs... freshly broken... make HELLMANN'S or BEST FOODS REAL MAYONNAISE smoother, tastier!

Best Foods® or Hellmann's® Real Mayonnaise is made with freshly-broken whole eggs, delicate fresh-pressed salad oil, choice vinegar and spices, extra egg yolks.

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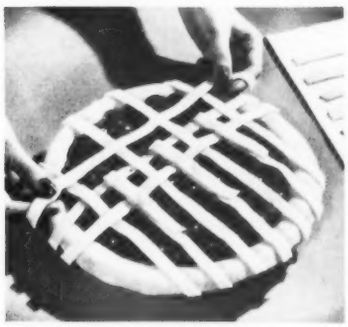

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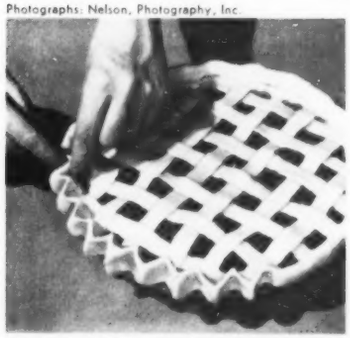

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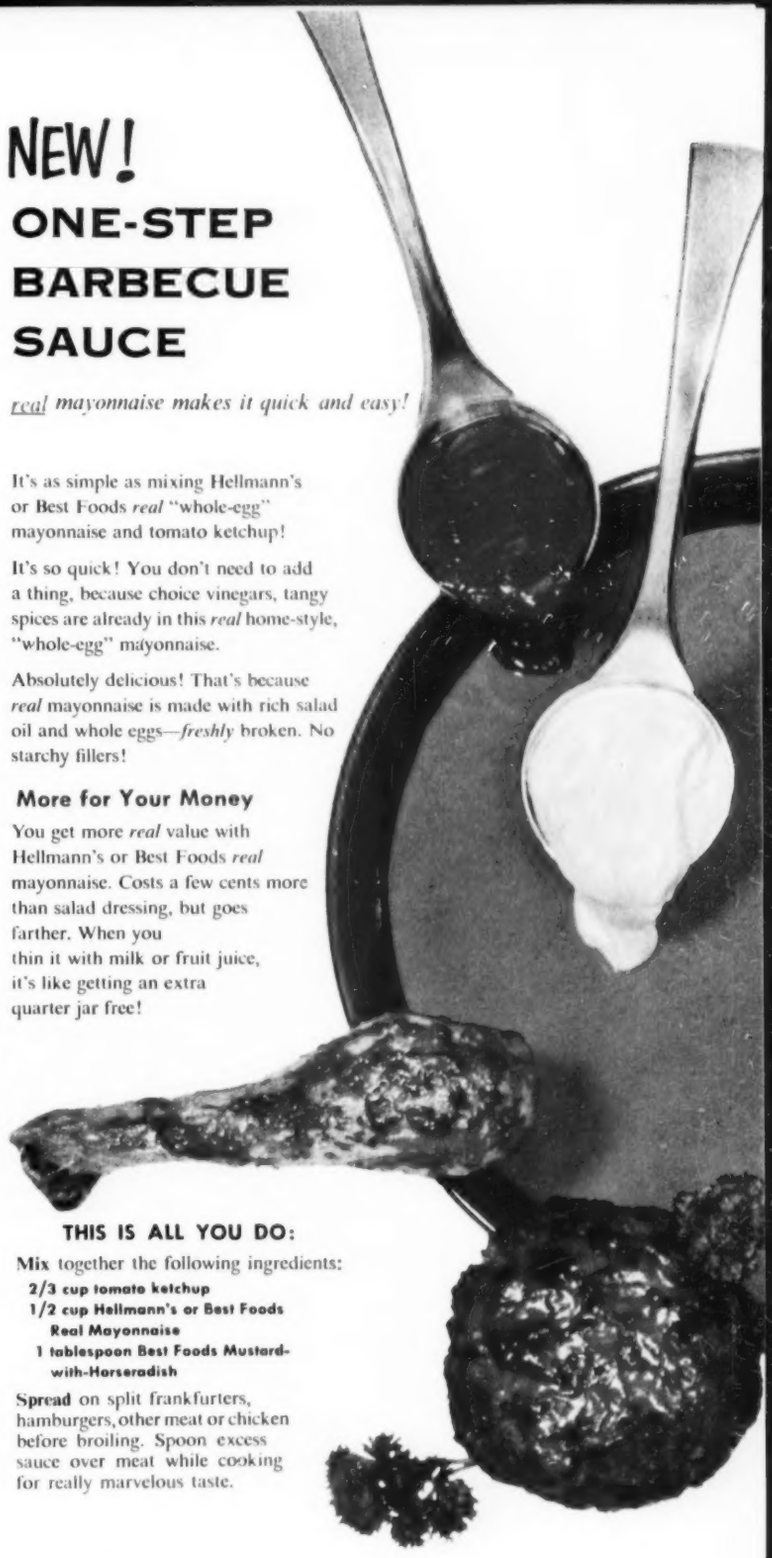

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Pillsbury GRAND NATIONAL Prize Winner

Wins Junior **FIRST PRIZE**
in Pillsbury's Fifth Grand National Contest

MARBAPPLE GINGER CAKE

4 cups (4 to 5 medium) cooking apples, pared and sliced
1 cup sugar
1 tbs. flour
1 tsp. French's Cinnamon
2 tbs. butter or margarine
2 tbs. water
1 tbs. lemon juice
2¼ cups sifted Pillsbury's Best Enriched Flour
2 tsp. double-acting baking powder
1 tsp. French's Ginger
½ tsp. salt
½ cup shortening
1 cup sugar
2 eggs
⅔ cup milk
¼ cup molasses
¼ tsp. soda
1 tsp. French's Cinnamon
¼ tsp. French's Cloves
¼ tsp. French's Nutmeg

Combine first 7 ingredients in saucepan. Cook over medium heat, stir occasionally, until apples are tender. Pour into well-greased 13 x 9 x 2" pan. Sift together next 4 dry ingredients. Cream together shortening and sugar. Add eggs; beat for 1 minute. Add alternately milk and sifted dry ingredients to creamed mixture, beginning and ending with dry ingredients. Blend thoroughly after each addition. Place half of batter in second bowl. Blend in last 5 ingredients. Spoon light and dark batters alternately over apples. Bake in mod. oven (350° F.) 50-60 minutes. Cool in pan 15-20 minutes. Invert on serving plate or on wire rack covered with waxed paper. Serve warm, cold, plain or with whipped cream.

Light and dark batters give this upside-down cake new flavor

Something Wonderful!

$3,000 Marbapple Ginger Cake

baked with French's pure Spices!

FREE! **Prize-Winning Recipes**

Send for leaflet of top prize-winning recipes from Pillsbury's Grand National Contest. Write to:

The R. T. French Co.
9056 Mustard St., Rochester 9, New York

Name_____
Address_____
City_____ State_____

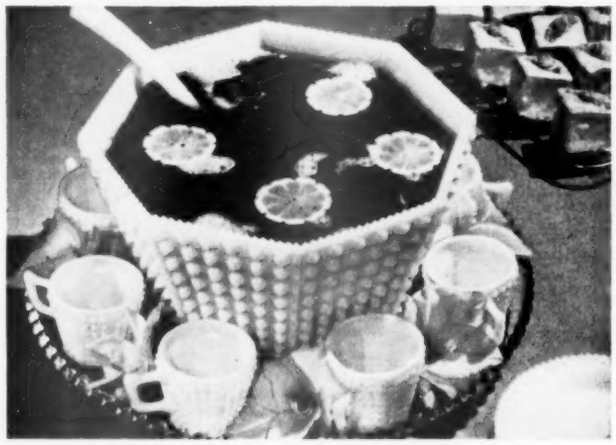
✓ French's Spices and Extracts were used exclusively in the Pillsbury Baking Contest.
✓ French's Spices are *pure*—contain no fillers. You get true *natural* flavor.
✓ French's Extracts are *rich*, full-bodied and *full-flavored*. Just a pinch or a dash of French's can make you a wonderful cook!

FRENCH'S SPICES AND EXTRACTS

Ginger-ale sparkle for summer treats

By Anne Anderson

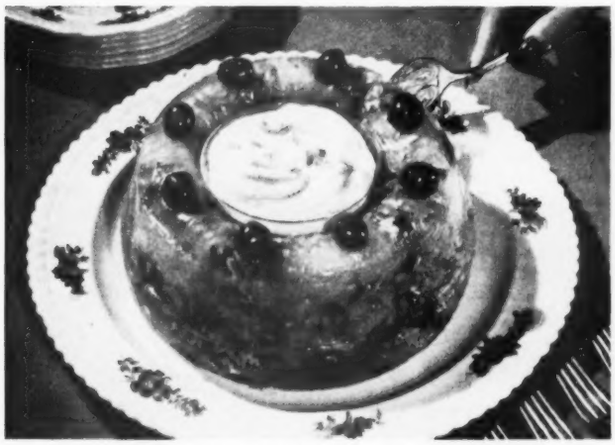
We give you four refreshing drinks and a delightful salad, all designed to help you cool off on warm days



Dazzler for special occasions is Pink Party Punch. Decked out in a milk-glass bowl like this, it'll reign supreme at any gala affair. A simple garnish of lemon slices cut in a flower design sails atop. Pass a plate of little cakes to go along with this nippy thirst quencher

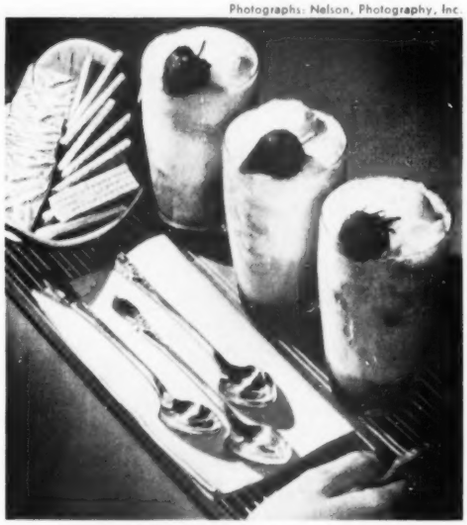
Midafternoon porch drink if there ever was one! It's Honolulu Cooler — a wonderful combination of tea, pineapple, lemon, and orange juices, plus ginger ale. And you can mix it with lightning speed. Be sure to make enough for seconds. Serve with your favorite brownies

Kiddies' delight! Your tots will really go for Grape-juice Zip. Serve it in mugs with handles so children can take a firm grip. To make, just pour chilled grape juice to halfway mark in mug. Fill with chilled, pale-dry ginger ale; then float a scoop of gay orange sherbet on top



This luscious, fruity Sunshine Salad Mold rings around a dish of mayonnaise; looks so pretty, you'll want to serve it at your next luncheon. Salad's chock-full of tangy grapefruit and pineapple, with pecans to give a crunchy contrast. The tingle comes from the ginger ale

Photographs: Nelson, Photography, Inc.



Try ever-popular Strawberry Soda a new way—with fresh strawberries to make it extra delicious. Count on ginger ale to put on the fizz. Serve in tall glasses just as they do at the corner drugstore. Pass cookies, too

Recipes on page 129

Looks good? Wait till you taste it!

FRENCH'S MUSTARD

does something wonderful for Hamburgers!

✓ French's pure yellow Mustard blends better because it's creamier . . . smoother.

✓ French's rich mustard goodness does not fade out in cooking.

✓ Get a jar tomorrow and see what a wonderful flavor difference French's makes!

FREE! NEW RECIPE LEAFLET "10 Ways to Cook Hamburger!"

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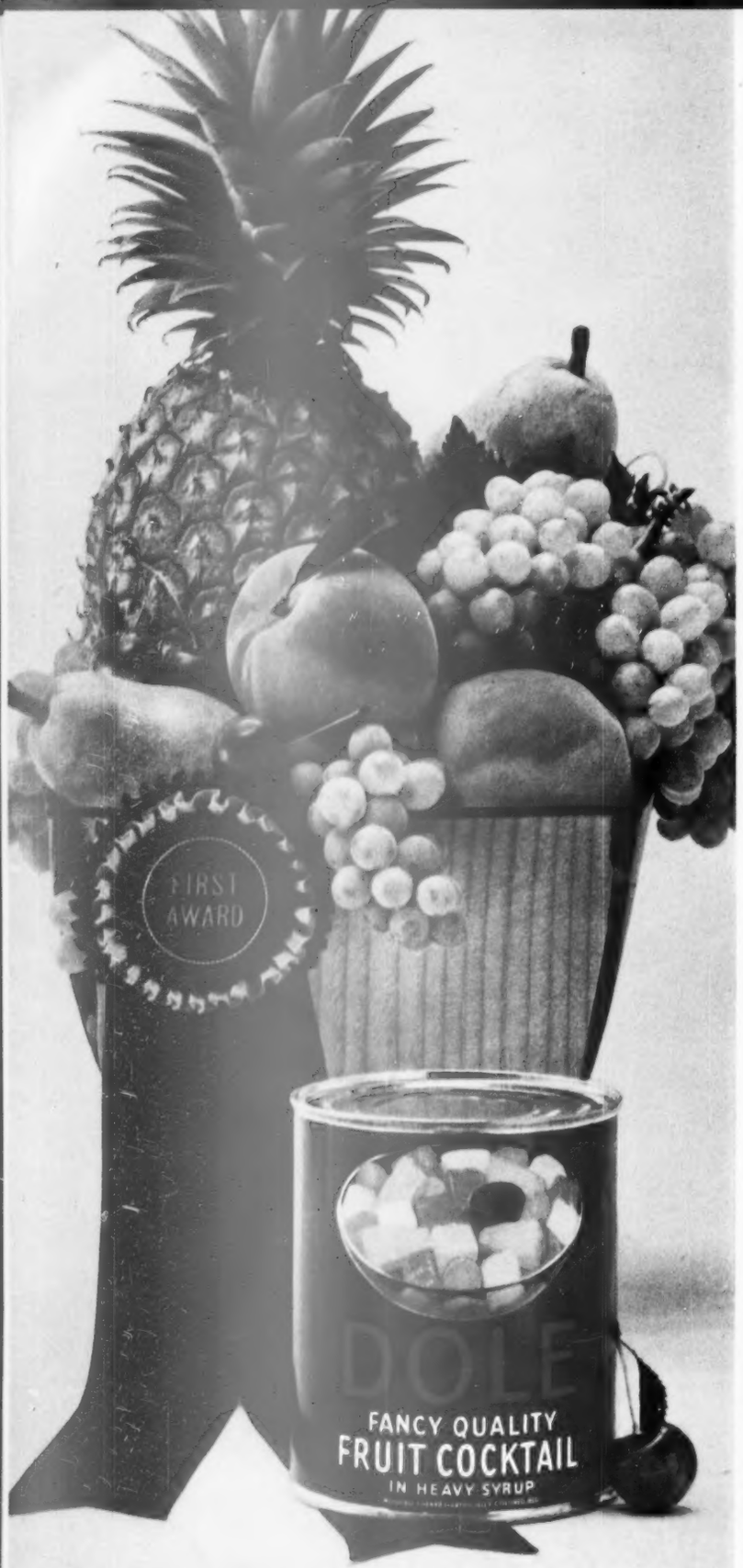


...that Country Fair flavor!

Ripened in the country sun, fairly bursting with that farm-kitchen goodness—DOLE Fruit Cocktail! Whole California peaches and pears are crisply gem-cut. Those carnival-bright cherries and grapes are the juiciest you can bite into. And the pineapple? DOLE-grown in Hawaii, of course. Open up this prize package and serve your family eating pleasure!

Pick cherry specials for good eating

Begins on page 89

You can make delightful, fresh Cherry Jam. Just follow these pictures which show you how

Get ready—go! Wash and stem 3 pounds fully ripe, sour cherries.

Pit with a small paper clip (spread open), a paring knife, or a regular pitter. You can use a paper cup to catch the pits. For the next step, see the picture at your right.

Put the cherries through your food chopper (medium blade), so you get a jam that is smooth-spreading.

You can do this with assembly-line precision by putting the cherries in chopper with small scoop as you turn handle with other hand.

Measure 4 cups ground cherries into a large enamel pan. Make sure pan is big enough so the mixture can boil freely without running over.

Add 7 cups sugar to ground cherries. Mix well. Use a wooden spoon so you don't scratch the pan.

Place the cherry mixture over high heat: bring to a *full rolling boil* (the kind that bubbles so hard you can't stir it down) and let boil hard 1 minute, stirring constantly.

Don't guess at time—use a timer or watch your clock carefully.

Stanley

No more, no less. As soon as the minute is up, remove the mixture from heat, and at once stir in 1 bottle liquid fruit pectin, turning the bottle upside down to empty.

Skim off foam with a metal spoon. Alternately skim and stir 5 minutes.

If you like, stir in ¼ teaspoon almond extract. Ladle quickly into hot, sterilized jelly glasses. Cover at once with ⅛-inch paraffin (easy to pour from small teapot). Let cool.

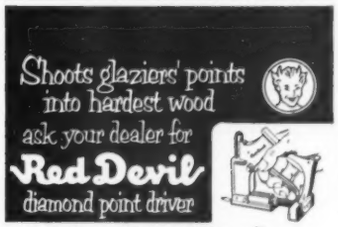
Add metal, paper, or cellophane lids. Makes eleven 6-ounce glasses.

Cherry-pie recipes, next page

COFFEE CONNOISSEURS call for Sherman Exquisite Blend Coffee to the tune of a half-million cups a day . . . at home, in fine restaurants, clubs or railroad dining cars. This is the ultimate in coffee blending . . . so fine it bears the personal name of the Head of the House.

SHERMAN J. SEXTON
President

John Sexton & Co., Sexton Square, Chicago, Ill.



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2814

Pick cherry specials

Continued from page 92

We give you three luscious fillings, two tender piecrusts. Take your choice

Your cherry pie can be superdelicious, pretty as a picture with that plump, well-filled look. And flavor—you're sure to find the pie that suits you just right whether you like yours made with fresh, canned, or frozen cherries. Try making both the tapioca and the flour fillings. They're equally good, but each has its own special personality. All recipes are for 9-inch pies.

Fresh-cherry Pie

A summer treat made with those luscious cherries right off the tree—

- 1⅓ cups sugar
- 5 tablespoons enriched flour
- Dash salt
- 4 cups pitted sour cherries
- 1 recipe Plain or Rich Pastry
- 2 tablespoons butter or margarine

Combine sugar, flour, and salt; add cherries, and mix. Line 9-inch pieplate with pastry. Fill with cherry mixture. Dot with butter. Make lattice top; flute edge. Bake pie in hot oven (400°) about 45 minutes.

Cherry Pie

The old-fashioned favorite of "Billy Boy" fame—

(Using tapioca in filling)

- 1 cup cherry juice
- 1 cup sugar
- 3 tablespoons quick-cooking tapioca
- Dash salt
- 3 cups drained canned or frozen pitted tart cherries
- Few drops red food coloring
- 1 tablespoon butter or margarine
- 1 recipe Plain or Rich Pastry

Combine juice, sugar, tapioca, salt, cherries, and food coloring; let stand while you make the pastry. Line 9-inch pieplate with pastry. Fill with cherry mixture. Dot with butter. Make lattice top; flute edge. Bake in hot oven (400°) about 45 minutes.

Cherry Pie

Try this tangy filling with Rich Pastry, a delicious new kind of piecrust—

(Using flour in filling)

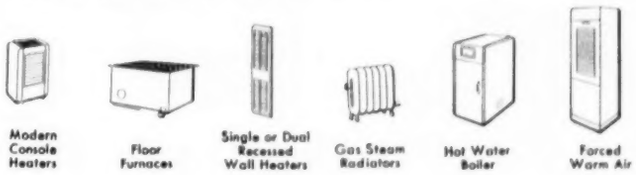
- 1 cup sugar
- ¼ cup enriched flour
- ¼ teaspoon salt
- ½ cup cherry juice
- 4 drops almond extract
- Few drops red food coloring
- 3 cups drained canned or frozen pitted tart cherries
- 1 tablespoon butter or margarine
- 1 recipe Rich or Plain Pastry

Combine sugar, flour, and salt. Stir in juice, extract, and food coloring. Add cherries and let stand while you make the pastry. Line 9-inch pieplate with pastry. Fill with cherry mixture. Dot with butter. Make lattice top; flute edges. Bake in hot oven (400°) 40 to 45 minutes.

[*Turn to next page*

Plan Now . . . for a happy-family winter with AUTOMATIC LP-GAS* HEATING

NOW IS THE RIGHT TIME to get ready for next winter's icy blasts, with always dependable LP-Gas heating! Whatever your heating needs—from a room to an entire house—clean, efficient LIQUEFIED PETROLEUM GAS ends hand firing, messy ashes, assures your family a snug, warm home. Don't put it off 'til cold weather comes. Talk to your LP-Gas dealer *now* and select the right equipment for *your* particular needs.



Remember, LP-Gas is the fuel you can store and always have plenty on hand.

Now, dry family washing in any weather, any time of day or night. Pre-set for fluff-dry or damp-dry ready for ironing. Only gas dries clothes so fast—costs so little!

Send today for "Better Living with LP-Gas" booklet. Recipes and home-planning ideas and how to select heating equipment for your home. Enclose 10¢ for your copy.

live better with...

* LP GAS BOTTLED TANK BUTANE PROPANE THE MODERN FUEL Wherever you are

millions of families already do!

LP-GAS INFORMATION SERVICE
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Chicago 1, Illinois
I enclose 10¢. Please send copy of "Better Living with LP-Gas" to
Name_____
Address_____
City_____
County_____
State_____

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How to save time on stove cleaning

Never were stoves so easy to clean—but when foods spatter or spill and burn on—you need S.O.S®

Save time cleaning griddles. Clean them *easily* — like most stove parts — at stove or sink. *Easily*, because you have S.O.S. to help you. S.O.S., with its sturdy fibers, cleans off the greasy crust left by fried eggs, hamburgers, hotcakes—makes griddles *gleam!*

Save time cleaning reflector pans and keep them shiny this easy way. Simply flick up heat coil, lift out the pan (most electric stoves permit this). Use S.O.S. to clean off spatters, to polish at the same time. S.O.S. cleans drip trays this same easy way.

Save time cleaning broilers. Make it easy, too, by cleaning your broiler after every use . . . *before* foods burn on. Use an S.O.S. pad, with soap right in it, to quickly scour off stubborn food and grease. You put on a bright polish as you clean with S.O.S.

Save time cleaning oven linings, racks. When a film of grease collects and food hardens on—just run an S.O.S. pad around inside your oven. Its oval shape gets into corners, its sturdy fibers cut off crust. In one easy operation, your oven is clean.

The S. O. S. Company, Chicago, Illinois, U.S.A. • S. O. S. Mfg. Co. of Canada, Ltd, Toronto, Ont.

Pick cherry specials

Continued from preceding page

Plain Pastry

Your stand-by for a flaky, tender crust—

2 cups sifted enriched flour
1 teaspoon salt
⅔ cup shortening
5 to 7 tablespoons cold water

Sift together flour and salt; cut in shortening with pastry-blender or blending fork till pieces are the size of small peas. Sprinkle water, a tablespoon at a time, over part of mixture. Gently toss with fork; push to one side of bowl. Sprinkle next tablespoon water over dry part; mix lightly; push to moistened part at side. Repeat till all is moistened. Gather up with fingers; form into ball. For double-crust pie, divide dough for lower and upper crust. Form each in ball. Flatten ball slightly and roll $\frac{1}{8}$ inch thick on lightly floured surface. If edges split, pinch together. Always roll from center out to edge. Use light strokes. Makes enough pastry for one 8- or 9-inch lattice-top pie or one 9- or 10-inch double-crust pie.

Rich Pastry

Ever so tender, and golden brown every time. Wonderful recipe for beginners!—

2 cups sifted enriched flour
1 tablespoon sugar
1 teaspoon salt
$\frac{3}{4}$ cup shortening
1 beaten egg yolk
$\frac{1}{4}$ cup milk
1 tablespoon lemon juice, fresh, frozen, or canned

Sift dry ingredients. Cut in shortening with pastry-blender or blending fork till pieces are the size of small peas. Combine egg yolk, milk, and lemon juice; stir into dry ingredients to make a soft dough. Turn mixture onto lightly floured surface. Divide dough for upper and lower crust. Form each into ball. Flatten ball slightly and roll $\frac{1}{8}$ inch thick on lightly floured surface. Makes enough pastry for one 8- or 9-inch lattice-top pie or one 9- or 10-inch double-crust pie.

See page 92 for Cherry Jam

A quick look

. . . at the address label stamped on the cover of your copies of *Better Homes & Gardens* will tell you when your subscription is due to expire. If the numbers at the end of the first line read "9-54," for example, the last issue we can mail under your present subscription will be September, 1954.

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Don't let 'em "bathe" you out of house and home. Be sure there's hot water left for you — get a new Frigidaire Water Heater today. Fast recovery of exclusive Radiantube Heating Units and super heat-saving insulation means plenty of hot water for all . . . and it costs only pennies a day. Completely automatic. No fuel, no flues, no soot, no dirt, no hazards . . . *it's electric!* Upright or porcelain-finished table-top models, 30 to 80-gallon sizes. (Magnesium rod models for corrosive water areas.)

Look for your Frigidaire Dealer's name in your phone book under "Electrical Appliances".

Be modern . . . heat water electrically

FRIGIDAIRE
Water Heaters
Built and backed by General Motors

Plan for weight watchers

Begins on page 54

Pan-broil. **Good way for thin chops and steaks. You use a skillet, but meat broils instead of frying, because you pour off fat as it collects in the pan. Rub skillet with meat fat; heat. Pan-broil the meat to the doneness you like. Turn with fork in outer edge or use tongs**

Roasting

1. Season meat with salt and pepper, if desired.
2. Insert meat thermometer so that bulb reaches center of the largest muscle. The thermometer shouldn't rest in fat or on bone.
3. Place roast fat side up on a rack in open pan. Do not cover. Meat will brown as it roasts.
4. Do not add water. Do not baste.
5. Roast at a low temperature—slow oven (325°)—to desired degree of doneness.

Broiling

1. Preheat broiler, if specified in range directions.
2. Place meat on rack. The top surface of 2-inch steaks or chops should be 3 to 5 inches from heat; 1-inch cuts, 2 to 3 inches from heat. Reduce temperature if distance must be less.
3. Broil top side until nicely browned and meat is half done.
4. Season top side with salt and pepper.
5. Turn; broil second side until browned. Only one turning is necessary. Be sure not to pierce meat.
6. Season second side and serve at once.
7. Broiling time depends upon thickness of meat and degree of doneness desired.

Pan-broiling

1. Choose thin, tender cuts of meat, as cubed steak, ½-inch-thick ground-beef patties, liver, lamb chops, ham slice.
2. Rub skillet or griddle with meat fat, but do not use any fat in cooking.
3. Do not add water. Do not cover.
4. Brown meat on both sides. Season same as for broiling.
5. Reduce temperature to finish cooking.
6. Pour off fat as it accumulates in the pan. If you don't do this, the meat will fry instead of broil.
7. Turn occasionally to cook meat evenly. Do not overcook.

Cooking with rotisserie or electric broiler

1. Follow general directions for roasting or broiling.
2. For specific cuts, use equipment manufacturer's directions.

Braising

1. Roll or dip meat into flour, if desired. (Omit when cooking for dieters.)
2. Brown on all sides in a little hot fat.
3. Season with salt and pepper; add herbs and spices, if desired.
4. Add a very small amount of liquid, if necessary.
5. Tomato juice may be used as liquid to add more flavor.
6. Cover pan with tight-fitting lid to retain moisture.
7. Finish cooking at a simmering temperature on top of the range or in a slow oven (325°). (Skim fat from weight watcher's share.)

Cooking in liquid (stew)

1. Cut the meat into 2-inch cubes.
2. Roll or dip into flour, if desired. (Omit the flour when cooking for dieters.)
3. Brown on all sides in a little hot fat.
4. Season with salt and pepper.
5. Add hot water barely to cover meat.
6. Cover pan with tight-fitting lid.
7. Finish cooking at a simmering temperature (185°) until meat is tender. It's important to keep heat low—never boil meat.
8. Add vegetables for stew long enough before meat is tender, so that they will be just done but not overcooked.
9. Thicken liquid for gravy. (Remove dieter's portion first.)

A JELL-O Salad makes the meal!

A JELL-O Salad makes the meal!

A JELL-O Salad makes the meal!

A JELL-O Salad makes the meal!

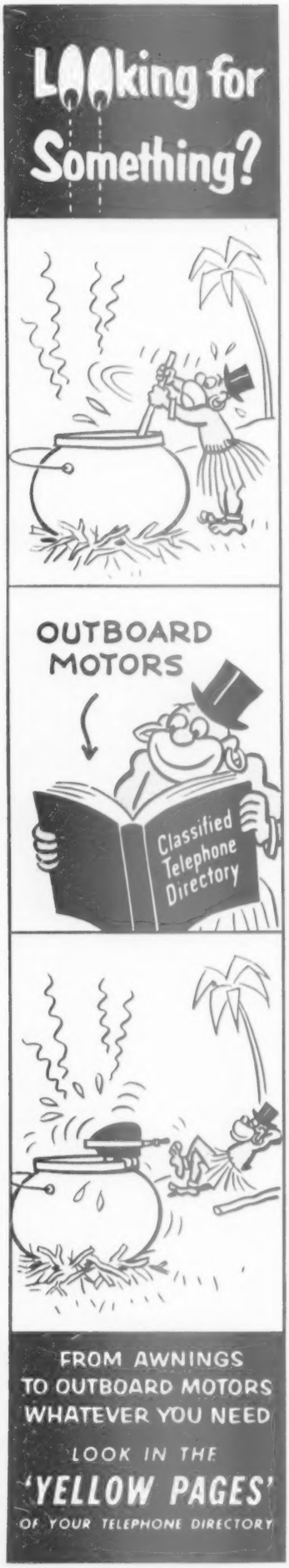
A JELL-O Salad makes the meal!

CARROT AND PINEAPPLE SALAD

1 package Lemon Jell-O
1 cup hot water
1 cup canned pineapple syrup and water
1 teaspoon grated orange rind
1½ cups (No. 2 can) drained crushed pineapple
1 cup grated raw carrots

Dissolve Jell-O in *hot* water. Add pineapple syrup and water, and orange rind. Chill until slightly thickened. Then fold in pineapple and carrots. Pour into individual molds. Chill until firm. Unmold on escarole. Garnish with mayonnaise and pimento strip. Makes 6 to 8 servings.

JELL-O IS A REGISTERED TRADE-MARK OF GENERAL FOODS CORP.



On the beam

As soon as we have finished grace,
A glance at each disgruntled face
Tells me what is being fed
To children by the Board of Ed.

Furthermore, it's loudly stated
That the meal was duplicated
From a cafeteria tray
That bore the Menu for Today.

So it is, coincidentally,
I am operating mentally
On the same beam from my kitchen
As the school board dietician.

—*Alice Boyd Stockdale*

Yummy sauces for ice cream

Begins on page 86

Chocolate-peppermint Sauce is rich and creamy, boasts a surprise peppermint flavor.

You make it in a wink with chocolate-covered, fondant-filled mint patties. Serve over vanilla ice cream; then dress up with a peppermint-patty "feather" atop or on side.

Minty Pineapple Sauce

If you like to keep some on hand for minute-notice treats, just double recipe and store in your refrigerator—

- 1 9-ounce can (1 cup) crushed pineapple
- ¼ teaspoon mint extract
- 2 drops green food coloring
- ½ cup light corn syrup

Combine the pineapple, extract, and food coloring. Add corn syrup; blend well; chill. Serve over ice cream. Makes 1½ cups.

He-man Fudge Sundaes

Here's a rich, glistening, dark-fudge sauce that adds a flavorful touch of genius—

- 1 cup instant cocoa mix
- ⅓ cup boiling water
- 1 tablespoon butter or margarine
- Vanilla or peppermint ice cream
- Chopped California walnuts

Blend cocoa mix, water, and butter in small bowl. Spoon over ice cream at once or chill slightly. Top with nuts. Makes about ¾ cup.

Heavenly Chocolate Sauce

Hot or cold, a fluffy sauce that is delightfully chocolaty—

- 1 14½-ounce can (1⅔ cups) evaporated milk
- 2 cups sugar
- 3 squares (3 ounces) unsweetened chocolate
- 1 teaspoon vanilla

In double boiler, combine milk, sugar, and chocolate. Cook over simmering water about 15 minutes, stirring occasionally, till chocolate melts. Remove from heat; add vanilla. Beat with rotary beater till smooth and thick. Pour sauce (hot or cold) over your favorite ice cream. Makes about 2¾ cups.

Raspberry-Peach Sundaes

Improvise by adding more or less fruit to suit your taste—

- 4 peaches, peeled, sliced, and sweetened, *or* 1 10-ounce package frozen peaches, drained
- 1 pint vanilla or peach ice cream
- Fresh raspberries, sweetened, *or* 1 10-ounce package frozen raspberries

Arrange peach slices around mound or scoop of ice cream. Top with raspberries. Garnish with peach slices or whipped cream. Makes 4 servings.

Chocolate-peppermint Sauce

With a minimum of effort, you get the maximum in tasty eating—

Melt 12 chocolate-covered fondant-filled mint patties (about 1½ inches in diameter) in double boiler. Then stir in 2 tablespoons light cream. Serve sauce warm over ice cream. Makes ½ cup.

HOW TO MAKE

Hacienda Hamburger

main course eating that sings with California flavor

THIS *is* "somethin' special"! What makes it so is the magic goodness of California Ripe Olives. Their bright, sunny flavor makes thrifty hamburger taste *so good—a half-pound will serve four people.*

Here's how:

- ¾ cup ripe olives
- 2 tablespoons oil
- ½ pound hamburger
- ¾ cup chopped onion
- 1 cup sliced celery
- 1½ teaspoons salt
- ¼ teaspoon black pepper
- 1 No. 2 can tomatoes
- 2 cups wide noodles
- 1 cup diced American cheese

Cut olives into small pieces. Heat oil, add meat and cook about 5 minutes, stirring frequently. Stir in onion and celery and cook about 5 minutes longer. Add salt, pepper, tomatoes, olives, uncooked noodles and cheese. Cover tightly and cook until mixture is boiling. Remove cover and stir lightly but thoroughly. Cover and cook slowly about 20 minutes, until noodles are cooked. Serves 4.

For your best friends—set out your best welcome—that's *whole* Ripe Olives, of course—in a handy "welcome bowl" or tempting appetizer tray.

Free Ripe Olive Recipe Booklet

For dozens of exciting ways to add California flavor to daily cooking, send for "Elegant but Easy Recipes with California Ripe Olives." Write Olive Advisory Board, Dept. B-47, 24 California Street, San Francisco 11, California.

ripe olives*

make meals that sing with California flavor

*Ripe or green-ripe...whole, pitted, chopped or sliced!

Anyone for tiddlywinks?

We bought the games with simple rules
So little children could obey them,
And never dreamed how much they'd want
Their grown-up parents, then, to play them.

—*Betty Isler*

Let us know

. . . at least five weeks before you move what your new address will be. We'll then see that every issue of *Better Homes & Gardens* is there right on time to help you settle in your new home.

And when you write, be sure to enclose an address label clipped from the cover of one of your recent copies. It will help us give you faster, more accurate service.

Send your address change to *Better Homes & Gardens*, Des Moines 3, Iowa.

Heart of your New Freedom Gas Kitchen: a* **HARDWICK** *automatic "CP" Gas range; the silent* **SERVEL** *Gas refrigerator with no moving parts to wear and a 10-year warranty.*

*REG. A. G. A.

No kitchen can do as much for you as the one that's built around Gas appliances. Take this range, for instance. It's so automatic it even shuts off the Gas, if a pilot goes out. It adds all the wonderful, exclusive advantages of Gas . . . flame-kissed flavor . . . instant on-off heat . . . the evenest baking in the world. And the amazing Gas refrigerator is years ahead of its time; its automatic icemaker frees you completely from ever having to fill an ice tray. Let your Gas company or Gas appliance dealer show you these twin miracles of modern design—and prove how clean, how cool, how efficient Gas really is. How nice that the smartest appliances in the world use it!

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GAS—the modern fuel for automatic cooking . . . refrigeration . . . water-heating . . . house-heating . . . air-conditioning . . . clothes-drying . . . incineration.

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Make your dry skin much, much softer and you'll see those dry-skin crow's-feet at the corners of your eyes become much less noticeable. This you do with penetrating Lanolin Plus *Liquid*, the wonder-working pure lanolin plus that is giving softer, younger looking skins to millions of women every day. Lanolin Plus *Liquid* performs its miracle by helping to replenish your skin's constantly diminishing supply of cholesterols, esters and other vital lubricants. So quickly effective is Lanolin Plus *Liquid*, you'll find your skin softer, and those unwanted, dry-skin wrinkles softened the very next morning after your first use of it. For an improved skin tomorrow, start with Lanolin Plus *Liquid* tonight. It's $1 (plus tax) at all cosmetic counters.

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☐ $1.00 Enclosed for all 5 Lanolin Plus beauty aids

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Sandwiches . . .

Begins on page 70

Summer Sandwich Loaf

It's a ham-and-egg special the men will go for—and pretty enough to attract the ladies, too—

2 cups ground cooked ham
⅓ to ½ cup mayonnaise
¼ cup diced celery
¼ cup sweet-pickle relish
1 teaspoon horse-radish
• • •
5 hard-cooked eggs, chopped
⅓ cup chopped stuffed olives
⅓ cup minced parsley
⅓ cup mayonnaise
1½ teaspoons prepared mustard
½ teaspoon grated onion
• • •
1 unsliced sandwich loaf
Butter or margarine
3 or 4 3-ounce packages cream cheese
⅓ cup light cream

Ham Filling: Combine first 5 ingredients. **Egg Filling:** Combine next 6 ingredients. Slice crusts from sandwich loaf. Slice bread lengthwise in 3 equal layers; spread each with soft butter or margarine. Spread first slice with Ham Filling; place second slice, buttered side down, on top. Add layer of Egg Filling. Place last slice, buttered side down, on top. Wrap loaf tightly in aluminum foil, moist towel, or waxed paper; chill several hours. Beat cream cheese till smooth. Gradually add cream and beat fluffy. Turn loaf on its side; spread top and sides with cream-cheese mixture. Garnish with a sliced-olive daisy with green-pepper stem. Makes 10 servings. **Note:** To match picture, use lengthwise slice whole-wheat bread for center.

In-a-minute Lemonade

Keep several cans of lemonade concentrate on hand for a speedy cool-off—

For 1 quart lemonade, use one 6-ounce can frozen lemonade concentrate and add water according to directions on can. Pour over ice cubes; garnish with maraschino cherries and fresh mint sprigs.

Rye-pie Sandwich

You cut this jumbo, round sandwich in dainty wedges—lots faster than making little sandwiches!

1 big round rye loaf (about 10 inches across)
1 recipe Salmon Circle
• • •
1 12-ounce carton (1½ cups) large-curd cream-style cottage cheese, drained
¾ teaspoon horse-radish
• • •
1 recipe Egg Ring
1 tablespoon chopped green-onion tops or chives

Slice bread crosswise to make ¾-inch slice; spread with soft butter or margarine. **Salmon Circle:** Mix ½ cup drained, flaked, canned red salmon, ⅓ cup finely chopped celery, 2 tablespoons finely chopped pimiento, 1 tablespoon French dressing, dash salt; mound in center of bread slice. Mix ½ cup of the cottage cheese with the horse-radish and dash salt; spoon in circle around salmon. **Egg Ring:** Mix 3 chopped, hard-cooked eggs, 1 tablespoon mayonnaise, 2 teaspoons prepared mustard, and ¼ teaspoon salt; spoon in circle around cottage cheese. Mix remaining cottage cheese with the onion and use for outside circle. To serve, cut in wedges. Makes 8 to 10 servings.

Ham Line-up Loaf

Wonderful to quench after-swimming appetites. Fix ahead; heat half an hour before time to eat—

3 2¼-ounce cans (¾ cup) deviled ham
¼ cup pickle relish
1 loaf French bread (about 12 inches long)
Tomato slices

Combine ham and pickle relish. Cut loaf in ½-inch slices, almost to bottom crust. Spread ham mixture between every other slice. Wrap in foil; heat in hot oven (450°) 25 minutes. Fold foil back; tuck tomato slices in with the ham filling. (Or, to match picture, put the tomato slices between the unfilled bread slices—then each sandwich has a tomato topper.) Let folks break off their own servings. Makes about 10 sandwiches.

Black-eyed Susans

Tasty, hearty sandwiches that are as bright as their namesake—

8 hard-cooked eggs, chopped
½ cup chopped ripe olives
⅓ cup chopped celery
3 tablespoons chopped green onions
¼ cup mayonnaise or salad dressing
3 tablespoons prepared mustard
½ teaspoon salt
8 coney buns
Melted butter or margarine
Leaf lettuce

Combine all ingredients except buns, butter, lettuce; chill. Hollow buns out to about ½ inch from edge. Brush hollow with melted butter and line with frill of lettuce. Fill with egg mixture. Garnish with extra egg and ripe-olive slices. Makes 8 servings.

Beanwiches

Good eating, here, to please Dad and the kiddies. And so easy—

6 slices bacon
1 1-pound can (2 cups) baked beans, drained and chilled
½ cup catsup
⅓ cup diced celery
¼ cup chopped green onions
1½ teaspoons horse-radish
6 hamburger buns
Melted butter or margarine
Dill-pickle slices

Cook the bacon till crisp; drain; crumble. Combine bacon, beans, catsup, celery, onions, and horse-radish. Brush inside of buns with butter; toast lightly until warm throughout. Fill buns with bean mixture. Tuck 2 pickle slices in each. Makes 6 servings.

Home-Canning Highlights

by Lucina Ball

THERE'S REAL CASH SAVING ON HOME-CANNED FOODS—real down-home goodness, too! It costs only 3¢ a quart for jar, lid, and heat (based on average jar-life of 8 years!) So while berries, peas, green beans are at their luscious best, put up plenty! To keep that wonderful flavor SAFE—

Be Surer ALL Ways!

Let Ball Dome Lids protect those foods your folks enjoy so! *Cream-smooth enamel lining* guards food against corrosive contact. *Firm red rubber* assures positive seal. And one good look tells you—*Dome down, jar sealed!*

RECIPE
for Perfect Rhubarb

1-inch rhubarb pieces, unpeeled
½ to 1 cup sugar per quart of rhubarb

Mix sugar and rhubarb well. Let stand 3 to 4 hours, then heat slowly to boiling. Boil 3 minutes and pack hot into hot Ball Jars. Process 10 minutes in boiling-water bath.

RECIPE
for Perfect Seal

Ball Mason Jars—free from nicks
Dome Lid Bands—free from rust
New Ball Dome Lids

After filling jar, wipe top clean. Center Dome Lid carefully on jar top. Screw band down firmly—do not use force. Don't tighten after processing. Result: a perfect seal, every time!

Custom-Tailored

Ball Mason Jars are especially designed for home canning. The squared shape and non-slip ribs make them easier to handle. And they cost so little, especially when you consider that the DOME Lid and Band on each Ball Jar are worth more than 2¢!

Home-Canning Handbook

New Ball Blue Book—covering all approved home-canning and freezing processes—gives you over 300 recipes including pickles, relishes, fruits, and vegetables, home canned as YOU prefer 'em! Step-by-step methods, exact timetables too! Send 25¢ in coin to:

Ball BLUE BOOK

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Grounds for matrimony

From diapers to discipline,
bottle to bath,
From shopping and cooking
and such,
To medicine-dosing, to
helping with math—
I am held in the everyday
clutch
Of routine. From the
moment I open my eye,
My way is prosaic and human.
And so I adore the adorable
guy
Who thinks I'm a
glamorous woman!

—*Anita Raskin*

Money for your recipes

Prizes for banana treats, meat loaves

THERE'S $120 awaiting the good cooks who send us winning recipes for their favorite banana treats and meat loaves. Cook-of-the-Month will receive $20—the other 20 winners will receive $5 each! Eight of the winning recipes will be pictured in the Prize Tested Recipes pages next February. And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement and six copies of the endorsed recipe.

Hints to help you

Banana treats. These are sure-fire winners at any time. Do you use bananas in salads, fry them, make fritters, fix main dishes with them? Or do you use them in cakes, cookies, quick loaves, muffins, or in plain or fancy desserts? We'd like to know your recipe. Here are tips:

banana salad
banana-nut cake
banana-nut bread
banana-meat rolls
fruit cup
banana cream pie
jellied bananas
banana mousse
banana shortcake
banana ice cream
banana sherbet

Meat loaves. Whatever you do to make your meat loaf a standout, we'd like to hear about it. You may use one kind of meat or several, such as beef, veal, lamb, pork, or ham. Do you bake it in a loaf, square, ring, roll with stuffing, or in individual loaves? Ideas:

barbecued meat loaf
meat ring
cheeseburger loaf
frosted meat loaf
layered meat loaf
pin-wheel meat loaf
individual meat loaves
glazed meat loaf
jellied meat loaf

This month's winners

(*See recipes on pages 83 and 84*)

Cook-of-the-Month

Mrs. Frank McNally, Oakland, Calif.

Other Winners

Mrs. E. Albrecht, Chicago, Ill.
Mrs. George M. Booth, Pocahontas, Ark.
Mrs. Floyd Henson, Rochester, N.Y.
Mrs. B. A. McDonald, Lake Charles, La.
Emma C. Palo, Minneapolis, Minn.
Mrs. Geo. W. Scheef, Pontiac, Ill.
Mrs. J. F. White, Miami, Fla.

Honor Roll

Mrs. Robert M. Davis, Montello, Nev.
Mrs. Joe Eckholdt, New Kensington, Pa.
Mrs. Nicholas J. Flesch, Hubbard, Ohio.
Mrs. Alvin J. Frisch, Milwaukee, Wis.
Mrs. Helge W. Lindquist, Worcester, Mass.
Mrs. W. C. Lundgren, Oakland, Calif.
Mrs. Sidney V. Martin, Malverne, L. I., N.Y.
Mrs. Mary Newman, Columbus, Ohio.
Mrs. Vivian Przepasniak, Buffalo, N.Y.
Mrs. Robert B. Slaughter, West Cheshire, Conn.
Mrs. Robert C. Smith, Racine, Wis.
Mrs. Walter O. Sohre, St. Paul, Minn.
Mrs. F. E. Spears, Hutchinson, Kans.

Contest rules

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time, and mark it "February Banana Treats" or "February Meat Loaves."
2. Print your full name and address in upper right corner of paper.
3. Give measurements in *level* cups, tablespoons, teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the origin of the recipe you submit.
6. Recipes submitted become property of *Better Homes & Gardens*.
7. Entries must be postmarked by midnight, July 31.
8. Address the recipes you enter to 5407 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

Overweight is America's #1 health problem. You'll look better, feel better and live longer if you let Florida grapefruit juice help you solve *your* part of it.

How to lose weight and like it!

Springtime slimmers thank their lucky stars for Florida grapefruit juice! Because it's a low-calorie cooler, you can drink your fill. It's alkalizing, satisfying—a natural source of quick energy and a gold mine of vitamin C—the resistance-building vitamin you need *every day* because your body doesn't store it up. *Yet it costs no more than most artificially flavored drinks!*

Drink easy-to-fix Florida grapefruit juice instead of rich, high calorie refreshers for breakfast, between-meal snacks, or to start off lunch or dinner.

Boston's famous Parker House finds Florida grapefruit salads are being ordered more and more frequently—both for lunch and dinner. They'll be favorites with your family too.

P.S. Whether or not you're dieting, there's no tastier, healthier treat than Florida grapefruit—frozen or canned juice, or plump, juicy, delicious grapefruit sections.

Florida Citrus Commission, Lakeland, Fla.

Keep plenty on hand!

FLORIDA GRAPEFRUIT

FRESH, FROZEN, CANNED... Low in calories... high in vitamin C

1. Fastest Freezing
***locks in* flavor and freshness!**

When seconds count in protecting food freshness . . count on Revcold Freezing Action! Revco's special *continuous-bonding* of freezing coils to inner shell does it—*races* sub-arctic cold to everything you freeze.

2. Safest Storage
***keeps in* taste and texture!**

No "see-saw" temperatures to rob good food of taste and texture. Revco's one-piece cabinet, with its super-thick Polar-Wrap insulation and exclusive self-sealing lid combine to *keep cold in, heat out, temperatures even.*

Walk away from high-cost, piecemeal shopping! Off your work schedule go long hours of food-shopping time. You buy, bake and cook *ahead.* You buy foods in season, at seasonal low prices—and with quantity discounts. *Compare* yearly food bills before and after Revco—the savings will amaze and delight you.

***NEVER BEFORE* SO MUCH STORAGE IN SO LITTLE FLOOR SPACE—SO MANY MODELS—SO MANY NEW FEATURES!**

Safety Signal Lights • Easy-Slide baskets • Adjustable temperature control • No rust, no dripping, no condenser to clean • Pressure-sealed doors and lids • 5-year food protection warranty • 5-year warranty on the Revcold Freezing System. Revco, Inc., Deerfield, Mich.

Space-saving uprights also have Revcold Freezing Action. No drip, rust, "sweating."

See your Revco Dealer for 60-second eye-witness proof of Revco's faster freezing.

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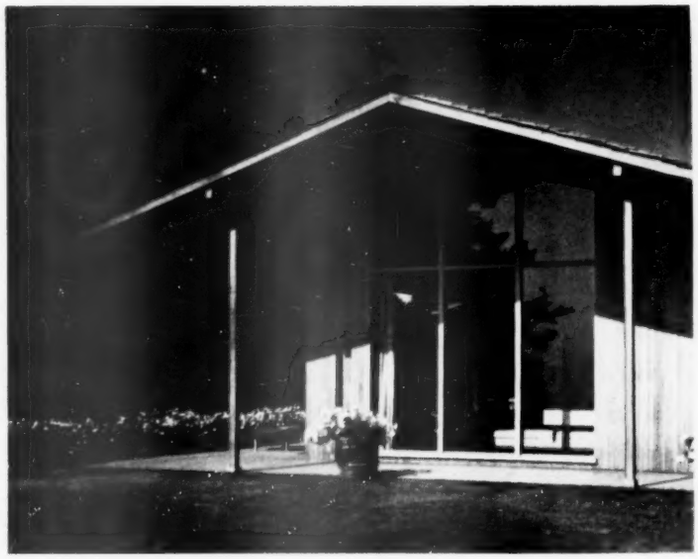
THE BEST **FOOD FREEZER** YOU CAN BUY!



Our house is the way we live

Continued from page 49

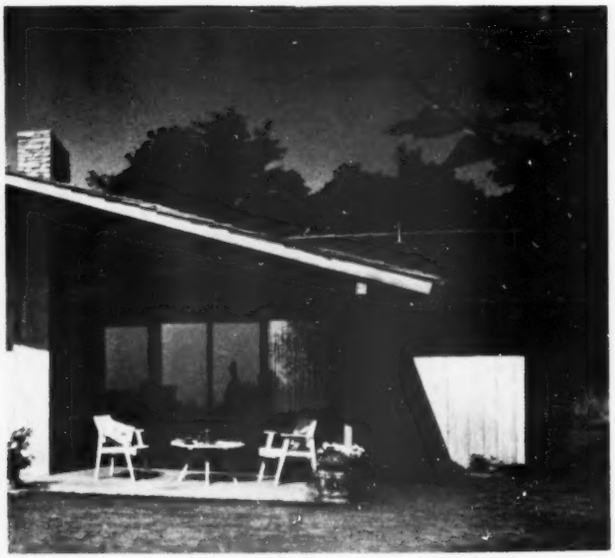
could go to write, paint, brood, or blow off steam. We Eyres knew ourselves, and how important it was to be alone now and then.

Our hardest decisions were over. By lessening our demands, we gave Van Bailey the freedom he needed to work out the fullest living for a family of four.

At this writing, we have lived in our Oregon home two years. The rugs are laid, the draperies hung. Native pines, junipers, and rhododendrons grow close to our rough-sawn siding. Swallows came the first summer. So we knew we had achieved an Oregon barn!

Our house has other rewards. Still fresh is the pleasure of walking in the front door, bursting into the vaulted living room, and floating out wherever the eye carries—to the city below, the lavender-gray [*Turn to page 102*

The laundry is my pride. Here we do anything from washing, drying, ironing, mangling, flower arranging to cleaning tasks and household repair jobs. At left is broom closet, sink for hand laundry. Under the work counter are two large bins for soiled and unironed clothes



The roof lifts and opens rooms to the view, then comes down to scale and encloses our little bedroom terrace. The high, sweeping roof line gives us a feeling of dignity and protection

We wanted to display our old mahogany furniture and cherished silver pieces in a handsome, lordly dining room. But a dining area off living room was necessary to conserve space and cost. We got the same effect, though, with high ceiling and lighting recessed above the sideboard

We enjoy many hours of relaxation on this sunny south terrace. Our house turns its back to the roadside on the north and the blistering summer sun to the west. The kitchen is at the end of the terrace, separated by a breezeway from the furnace room and guest bedroom

Now! More Ice Cubes

Easier, Faster—

with this new

Inland Ice Tray!

(4 GAY COLORS)

More ice cubes! Sized *perfectly* to fit your glasses. The *new* Inland Ice Tray gives you *three full rows* of sparkling ice cubes, free and dry, ready to use! So fast, easy and convenient, too . . . with a *lift* of the "Magic Touch" lever and a tilt of the grid. Get these *new* Inland Trays . . . *now in four gay colors* . . . for your *present* refrigerator, *any* make!

• • •

And when you buy a new refrigerator, be sure it is fully equipped with Inland "Magic Touch" Ice Cube Trays. Just ask your dealer for them.

"Magic Touch"* INLAND MANUFACTURING

ICE CUBE TRAYS

INLAND MANUFACTURING DIVISION, General Motors Corporation, Dayton, Ohio

COVER UP YOUR WEATHER WORRIES

DELUXE WINDOW AWNING

Don't let sudden summer showers ruin your carefully planned outdoor party. It'll be "on with the show", come rain or shine, year in and year out if you cover your patio with an Aluma Kraft all aluminum patio cover.

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STANDARD WINDOW AWNING

ALL ALUMINUM AWNINGS

for windows or doorways, or as canopies or carports, give you year 'round protection and economically solve your awning problems.

Select 1954 Decorator Colors: *Cardinal Red, Terra Cotta, Citron, Middy Blue, Pastel Cloud Gray, Maroon, Deep Dresden Blue, etc.*

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For your best awning buy
See your nearest dealer or write

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1330 NORTH ROCK HILL RD., ST. LOUIS 17, MO.

Sold in the principal cities of the U.S.A. and Canada.
Dealers—Write for information on available franchises.

Our house is the way we live

Continued from page 100

foothills beyond, or southward to our own terrace and garden. And when the clouds part, and the snow-capped mountain appears, well, everything stops.

Winters don't depress us the way they used to do. There are constant change and movement. Light and dark. Rain and sun. The November fogs have a theatrical quality. Gray, billowing masses surround the house.

How does the house work? We have areas that are small and compact as ships' galleys. Because the planes of the floor and the ceiling move directly through the glass outside walls, we have rooms that seem extremely spacious. The bathrooms, our dressing room, the laundry room, and the children's bedrooms are small. But these are not rooms where we all gather. Where we need space, we have it. And the kitchen is our most frequent gathering place.

The dining area overlooks the garden. Here we entertain eight children at a birthday party (and save the living-room rug). Here we do hobbies and homework in the fine natural light. And I can pass pancakes and sausages directly to the table from the stove.

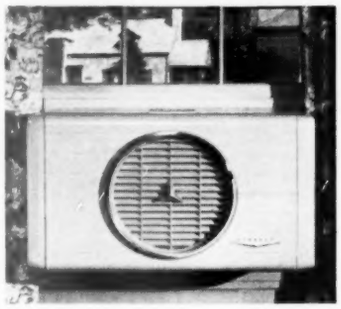
Do we miss a basement? No! The attic over the kitchen wing holds all the luggage, summer furniture, out-of-season items, as well as being an additional playroom on rainy days. The furnace room stores children's rolling equipment, wood for the fireplaces, and dries muddy shoes and soggy jeans.

Do we miss our separate dining room? All I can say is that we are thankful we don't have another inch of upkeep. And we do dine in style. At holiday time, when the clan gathers, we turn the table, add leaves, and open it into the room. Then we have a candle-lighted banquet hall 32 feet long and 14 feet high. The complaint of having to look at a messy dining table just isn't true. By the time you get to the dessert, there's scarcely anything left on the table, anyway. For large teas or meetings, which seldom happen, we have accommodated 50 persons at once. The thick laminated ceiling absorbs the sound. The 14-foot height absorbs the smoke.

But when the winds howl and the rain strikes our windows, we, like all human beings, seek a warm space. Then the whole family gathers in our bedroom-study. We sit on the hearth and pop corn, read, or help with homework. In January, when our fair world is blanketed with snow and 3-foot icicles hang from the eaves, it's pleasant to go to sleep in firelight.

Framing our lives in our Oregon house, we are now quite sure that architecture affects one's daily life far more than we ever expected. Our home has given dignity to our days, pleasure to our senses, and scope to our thoughts.

MOST POWERFUL ROOM AIR CONDITIONER



The 1954 Fedders is beautiful *outside* ...powerful *inside*, proved in tests more powerful than many other room air conditioners! Fedders exclusive V-type evaporator gives you 33% more cooling area ...greater reserve capacity for hot, muggy days. Greater filtering and air-cleaning area. And you get greater dehumidifying power, too. Be sure you look "under the hood" when you buy a room air conditioner. Look at powerful Fedders!

FEDDERS gives you PUSH BUTTON WEATHER

Fedders makes *you* the boss of all this cooling power. Exclusive Built-In Weather Bureau gives you the cool, clean weather you want at the touch of a button. Lets you ventilate, whisk away stale, smoky air...both independently of cooling. Rotatable Grille sends air in any direction. Exclusive new Reverse Cycle Heat Pump* switches from cool to heat to cool *automatically* to maintain the temperature you set. See Fedders in action — best engineered room air conditioner on the market. Also sold throughout Canada.

**At extra cost on 3/4-ton Deluxe and 1-ton Window Models.*

1954 FEDDERS

MAIL TODAY!

Fedders-Quigan Corp., Dept. 45-A
Buffalo, N. Y.

Please send me books checked on how I can sleep, work, live better with a Fedders.

☐ "Champion of your personal comfort"
☐ "How to sleep cool when it's hot"

Name _____
Address _____
City _____ *State* _____

The West nobody knows

Begins on page 52

"Upstairs" in Yosemite National Park

Mention Yosemite, and a standard set of mental pictures flashes through most people's minds: Half Dome; Yosemite Falls; deer in a flowering meadow; campgrounds crowded with tents and trailers.

Yosemite National Park means 9 square miles of the "incomparable valley." But, it also means "upstairs" in the rest of 1,189 square miles of the park.

There may be comparable outings, but none can surpass the Hikers' Circle in the High Sierras.

Each Monday, for about eight weeks in summer, a park naturalist heads out with a hiking party. They travel light; are on the trail six days. An equally experienced leader heads a horseback group.

Merced Lake, Vogelsang, Tuolumne, Glen Aulin, and May Lake Camps are along the route, against scenery of still-higher peaks, craggy passes, and lilting meadows.

Only Tuolumne Meadows is directly on the road. At 8,700 feet, it can be made the starting point of the Hikers' Circle to leave out a 4,700-foot climb out of the valley.

The Circle takes you through wilderness that should not be traversed alone. Leadership removes any danger.

Many would never know its delights without this project of the National Park Service and Yosemite Park and Curry Company. Schedule and prices may be had by writing the company at Yosemite National Park, California.

The Arches National Monument

The fact that an area, even a national monument, is on a main highway, doesn't guarantee that in southeastern Utah it is accessible or entirely explored. Some of the Fiery Furnace, in the Devil's Garden of Arches National Monument, and a portion of the Klondike Bluffs have yet to be seen by man.

But, you can check for yourself on the map that U. S. 160 is near, at times following the monument boundary. Headquarters are here and at Moab, 5 miles away.

Surprisingly, the closest section, Courthouse Towers, must be visited on foot (2 miles; horses are available). Monument roads lead into the Windows Section, leaving only brief walks to Balanced Rocks, Parade of Elephants, and enough windows and arches to start a housing project.

A little to the north, the Devil's Garden makes more than 70 tries at outdoing itself with the longest, biggest, and most fantastic arch. But, Delicate Arch is probably one of the loveliest things Nature has yet achieved in freehand, stone sculpture. Off in a special section, standing on a great swell of bare rock, "Old Bloomers" poses against a backdrop of the distant LaSal Mountains, delicate as a cloud for all of its mass and height.

In the Needles, the pyramids, domes, towers, spires, and totem poles are arranged in casual circles, each rim enclosing a treeless Grand Central Park. Even then, you've left out the red, buff, and white of the pinnacles, and the feeling of utter remoteness.

More on next page

Now-make every washday "touch-button" simple!

At a touch—cleanest washing! And economical, too. Hot water stays hot, load after load, in Surgomatic's heat-retaining tub, to give you cleanest washes ever!

At a touch—perfect timing! Wash even touchy man-made fabrics with Surgomatic Timer.

At a touch—swift draining! Push a button. That's all. Out goes water, suds, dirt in a hurry.

© T.W.C. 1954

All-new **Whirlpool Surgomatic**

The washer with "touch-button" controls

Just once, see this new work-saver breeze through a hefty 10-pound wash, and you'll want it, too! Even delicate fabrics are Surgomatically timed to perfection. Over-size Aquamatic Extractor squee-eezes out water *evenly, thoroughly*. High-speed draining, too. Retractable cord. Dozens of time-and-work-saving boons. And remember—it's a Whirlpool! See the Surgomatic at your dealer's.

Whirlpool Corporation St. Joseph, Michigan

Save on ALL-YEAR AIR CONDITIONING

Just as you need insulated walls for efficient operation of your air-conditioning system, you need insulated windows. Air-conditioning engineers and manufacturers recommend double glazing. With insulated windows you often require a smaller air-conditioning unit, and you're sure to save on operating costs for summer cooling as well as winter heating.

Thermopane® keeps rooms cooler in summer

Thermopane keeps out summer heat. That puts less load on your air-conditioning equipment.

Thermopane keeps rooms warmer in winter

Heat loss through *Thermopane* is about half that through single-pane windows. *Thermopane* reduces drafts near windows.

Even if you don't have air conditioning, you'll save fuel and have more comfortable rooms year 'round with *Thermopane*. Quieter rooms, too, for *Thermopane* muffles outside noise.

With *Thermopane*, you never have to bother with storm sash. *Thermopane* is stocked by L-O-F Glass Distributors for ready delivery. Call your L-O-F Glass Distributor or Dealer for information—look him up in the yellow pages of your phone book. And write for our booklet "Self-insulating Windows of *Thermopane*". Our booklet, "Glazing the Air-Conditioned Home", is also available on request.

LIBBEY·OWENS·FORD GLASS COMPANY
Dept. 674—608 Madison Ave., Toledo 3, Ohio

The West nobody knows

Continued from preceding page

The Wallowas of eastern Oregon

Just south of Washington, in Oregon, are the Wallowas. Although they cover only some 350 square miles, they merit attention.

Many peaks topping 8,000 and 9,000 feet become neighbors. Imposing and isolated as they appear from the distance, they become quite approachable in a friendly, green world of residual glaciers, waterfalls, and highland streams. This is still a select and quiet neighborhood where guests are assured of separate, roomy quarters.

Just off State 82, the Eagle Cap primitive area delves into the mountains' heart, where the sheer-white marble face of the Matterhorn is a familiar spirit. Or you can hike 5 miles through the Wallowa National Forest to the playground of Hurricane Creek Canyon, among rocky vistas and a whole family of waterfalls.

Lovely Wallowa Lake, at the edge of the wilds, is colorful with canoes, as well as log rafts drifting to a sawmill. Nearby is a refuge for the elusive mountain sheep.

At the mountains' eastern border (reached by a 54-mile corkscrew dirt road from Joseph, Oregon), Hat Point looks down into Hell's Canyon of the Snake River, narrowest and deepest of our continental gorges. It has been measured as 6,748 feet at one point, and averages 5,000 feet for some 40 miles of its inaccessible route.

New Mexico's Land of the Penitentes

Most of these suggested detours from the usual have been to get away from people, at least from crowds of them. Here's a place, interesting because it has been lived in. For that, you could find no stranger place than the Penitentes Country in north-central New Mexico.

Among the rugged, snow-crested Sangre de Cristo Mountains, the Seventeenth Century culture of Spain and Mexico was dropped. Nurtured and isolated by a stern setting, it forgot to change. The yellow Rose of Castille still blooms in quaint village streets among flat-roofed mud houses and very old missions. In rocky bottom lands and small valleys, primitive farming methods maintain a scattered population.

State 75, south of Taos, winds into highlands on the way to more villages perched on slopes. Gravel, giving way now and then to dirt spurs, meanders into the past, where Spanish, Mexican, and Pueblo Indian blood has merged to make a people apart. They hold to an officially suppressed belief in atonement through physical suffering. Crude wooden crosses remind you of the inhabitants' deep piety.

Rodarte, Penasco, Trampas, and Truchas are strung like beads on the rosary of the Sangre de Cristos (The Blood of Christ).

You will see tumbled settlements clinging to a hogback that is main street and highway, houses perched above ravines, wagons rumbling toward the nearest town, and churches, sanctuaries during Indian revolt and Spanish conquest.

More on page 106

Send for this free booklet—

Every type of modern heating system has certain advantages. If you are in doubt as to which system is best suited for your individual needs, this book is designed for you. It is filled with information on each of the systems listed below. It is yours for the asking. Just fill out and mail coupon.

WARM AIR

Winter air conditioner
Filtered, humidified warm air with forced circulation. Ideal for many homes.

Small pipe heating
Conditioned heated air circulated through small ducts (4" diameter) at high velocity. A practical system for smaller homes.

Perimeter heating
Conditioned warm air distributed along outside walls for greater home comfort.

Baseboard heating
A type of perimeter warm air heating using baseboard type registers.

HOT WATER

Radiator or convector heating
Gravity or forced circulation hot water with single or two-pipe systems. Heat supplied through radiators or convectors.

Baseboard heating
Perimeter type hot water heating using continuous baseboard panels.

Radiant panels
Warm air circulates through concealed coils in floor, walls or ceiling.

STEAM

Radiator or convector heating
Steam, vapor or vacuum heating, single or two-pipe systems, utilizing radiators or convectors.

Iron Fireman SelecTemp
Continuous, modulated heat with *individual thermostat in every room*, at a cost that makes it practical for smallest home or largest residential, institutional or commercial building. A revolutionary advance in heating exclusive with Iron Fireman.

For any type of heating

IRON FIREMAN

is your *best buy*

RADIANT FIRE

heats fast . . . saves fuel

OIL. The Iron Fireman Vortex burner produces a radiant, bowl-shaped flame that blankets the heat reflecting hearth. Fast response, low oil consumption.

GAS. The Iron Fireman Radiant gas burner, with heat reflecting hearth, makes intense radiant heat in the same manner as an incandescent gas mantle. Reaches top operating efficiency in a few seconds.

COAL. Iron Fireman Coal-Flow stoker is completely automatic; feeds direct from bin. No coal shoveling. Radiant, glowing fuel bed is under thermostatic control.

SENSITIVE CONTROLS

for steady warmth

The Iron Fireman heat anticipating thermostat regulates the burner in response to very slight changes in temperature. This gives quick-cycling operation, with short but frequent firing periods, which in turn keeps heat at a steady, uniform comfort level, reducing stratified air and "cold 70."

This sensitive thermostat requires very fast burner response. Otherwise it would waste so much fuel that fast cycling would be impractical. Here you see the importance of the radiant, fast heating Iron Fireman fire. Not only does it add to your comfort by giving steadier heat; it also cuts your fuel bills.

The sensitive Iron Fireman thermostat is one of the precision instruments in the Iron Fireman Synchrostat control system, which regulates your indoor comfort day and night. Temperature is lowered automatically at night to a comfortable sleeping level, and brought up to the temperature you prefer for daytime comfort before you get up.

DEPENDABILITY

for years of heavy duty

Dependable performance is mostly a matter of built-in QUALITY. Such things as extra sturdiness and finer materials in mechanical parts; extra heavy gauge steel in furnace and jacket; no flat surfaces to cause expansion and contraction noises; electrically welded one piece, gas tight furnace body; and fast heating furnace heat exchangers to prevent condensation and corrosion (rusting out). There are many other features, such as furnaces with *all* heating surfaces on the *pressure* side of the blower, so that combustion gases cannot be drawn into the air stream. In boilers, water heating surfaces completely surround combustion chamber.

Dollar for dollar, you can't beat Iron Fireman heating.

Iron Fireman®

Finest in heating **OIL • GAS • COAL**

THE IRON FIREMAN

IRON FIREMAN MANUFACTURING CO.
3907 West 106th Street, Cleveland 11, Ohio.
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Please send me free booklet, "12 Plans for Home Heating and Air Conditioning."

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HUSH-A-BYE
Draft Free Operation

another big feature in the new 1954

RCA Air Conditioner

Only RCA gives you all these advantages —for better air conditioning!

HUSH-A-BYE FANS: Whisper-quiet squirrel cage type evaporator fans can scarcely be heard.

THERMOSTAT CONTROL: Provides automatic temperature control.

DIRECTIONAL GRILLES: For widest, fullest flow of air. Control direction of air flow, easily, quickly.

PUSH-BUTTON CONTROLS: Push a button in the Climate Tuner for the weather you want.

NEW PERMANENT FILTERS: Aluminum filters, easily cleaned, no more annoying replacements.

HEART-OF-COLD COMPRESSOR: Top cooling capacity. Hermetically sealed, trouble-free.

RCA FACTORY SERVICE: Optional contract offers installation and service by RCA's own technicians.

TUNE IN Dennis Day Show every week NBC-TV. Hear Phil Harris and Alice Faye Friday nights, NBC Radio.

Models priced as low as $299.50. (Suggested list price — slightly higher in West.) Models available with combination heating and cooling. Panel lights for easy night visibility and thermostats for automatic temperature control also available on some units.

You'll feel better with an RCA Air Conditioner

RADIO CORPORATION OF AMERICA

The West nobody knows

Continued from page 104

Canyon de Chelly National Monument

One of the insignificant streams that pays annual toll to the Colorado, by way of the San Juan River, sulks under the surface of its sandy bed for most of the year. If it cared to, the Rio de Chelly (pronounced de Shay) could tell the whole story of a long and violent history in the Canyon de Chelly National Monument.

Thousand-foot cliffs of bright-red sandstone drop sheer to sandy floors, so it's possible to drive through their twisting aisles during the dry season. More than 200 prehistoric ruins are tucked into high niches and caves.

Long after their builders had left, the Navajos took up residence in fertile spots wherever the canyons widen. From here, they raided Spanish towns and were themselves driven by Kit Carson when the tribe was captured. In summer, stock comes to little peach orchards and cornfields in the shadow of the tall cliffs.

Cozy McSparron will take you through the canyons to see the ruins, the red-rock architecture, and the colorful life of the Indians in their camps. (For reservations, address him at Thunderbird Ranch, Chinle, Arizona.)

Lake Chelan

Up in the Cascades of Washington, there's a canyon almost 2 miles deep. Peaks on the rim go up more than 8,000 feet, and the bottom scrapes at maybe 400 feet below sea level. But, you can never see that, because the ancient glacier that dug it out plugged the lower end. What you will see if you go to Lake Chelan is a shimmering sliver of bluish-green glacial water, 55 miles long and only ½ to 2 miles wide.

The town of Chelan, at the lower tip, is on U. S. 97, in a fruit-growing district. Climate is mild, and sunny beaches are warm. At the other end of the lake is a wilderness with high, snowy mountains, 20 lakes, 17 glaciers, and a lively assortment of streams and high meadows. No road connects the two extremes, only the ribbon of water. On it, the "Lady of the Lake" makes a daily round trip, nonchalantly transporting people from a land of peach and apple orchards to glaciers and mountain-goat trails and back before the sun goes down.

Not everyone comes back so soon. In Camp Stehekin, at the northern end, and other lodges hidden in virgin forests, a summer population feels the world well lost until fall.

More on page 108

Your Republic Steel Kitchens' dealer can duplicate or adapt this modern kitchen plan

These nylon glides—exclusive with Republic!

Republic Steel Kitchens

gave me most for my money!

"I thought kitchens were just kitchens until I really went shopping. Never did I dream there could be such a big difference until I compared them all—steel and wood.

"For quality, beauty, and selection, I found that Republic Steel Kitchens gave me *the most for my money.*

"Features galore made Republic an easy choice for me. I found just what I wanted—whisper-quiet drawers, adjustable shelves, Lazy Susans, tray cabinets, mixer lift-shelves, even deep and shallow 'quick-switch' drawers for easier storage.

"And bless the designer who thought of two-height cabinets for a tall, head-in-a-cloud gal like me! Best of all, my new Republic Steel Kitchen, styled just for me with all those wonderful features, actually cost no more than an *ordinary* kitchen."

Get your *showdown comparison*

Prove it to yourself Republic Steel Kitchens give you the most for *your* money. Visit your Republic dealer. Compare on Republic's chart the list of features that six other leading brands *together* don't give you, even as *extras.*

"Cabinets of Steel for Lasting Appeal"

REPUBLIC STEEL
Kitchens

The World's Most Modern Kitchens

You'll want these idea booklets if you're remodeling or building.

Check those you want, and enclose necessary coin for handling and mailing. One booklet, 25c; two for 40c; three for 50c. Address Republic Steel Kitchens, Dept. A, 1038 Belden Ave., Canton 5, Ohio. BHG-347

☐ For remodelers, "101 Ways To Make Awkward Kitchens Behave". ☐ For new home builders, "Praise-winning Kitchens". ☐ "How Mary and I Installed Our Own Republic Steel Kitchen."

Name _____

Address _____

City _____ Zone _____

County _____ State _____

New sure way to
LOVELIER HANDS
IN ONLY 9 DAYS

(unretouched photo)

1. BEFORE. Skin dried out from SOAPS AND DETERGENTS!

2. Protect with PLAYTEX GLAMOROUS HOUSEWORK GLOVES

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3. AFTER. Softer, smoother skin IN ONLY 9 DAYS!

At Department and Drug Stores

The best protection is prevention. And: The first manicure you save can pay for your gloves.

$1.39
Prices slightly higher outside U.S.A.

PLAYTEX®
LIVING GLOVES
FABRIC-LINED LATEX

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The West nobody knows

Continued from page 106

Indian fields of Supai

If "Shangri-La" hadn't been accepted as the ultimate in tranquil retreats from the world, it might be "Supia." It's an Indian word meaning "people" and abbreviated from "Havasupai," the "blue-green-water people." To anyone who has ever entered its paradise, more than 2,000 feet deep in the earth's greatest chasm, it spells Utopia. An intimate, simple village, completely surrounded by the Grand Canyon National Park and beauty, it has everything.

The "Prince and Princess"—carved by Nature as a tribal symbol of her bounty—give it grandeur. A sparkling stream that bursts miraculously from solid rock makes life there rich and rewarding. Havasu Creek energetically irrigates 500 acres of fields and then leaps over travertine ledges in four waterfalls before surrendering its clear waters to the Colorado. Navajo, Havasu, Mooney, and Beaver Falls are among the most picturesque displays of water in action.

A telephone call from Tococoba Hilltop, or Hualpai Hilltop, will bring riding horses. Since the one is 14 miles through a rugged series of dropping gorges, and the other a far easier but still an 8-mile trek, it's wiser to call from Grand Canyon National Park Headquarters, South Rim, or write for reservations: Tourist Manager, Supai, Arizona, via Grand Canyon.

Hualpai Hilltop, the better trail, is at the end of a good road off U. S. 66 near Peach Springs.

Accommodations are limited. A former hospital building and new tribal guest lodge have increased them, but exact information is desirable before barging in.

STOP
Cold Water Pipe
Drip...
Drip...
Drip

Stop cold water pipe condensation "sweating" . . . shield pipes from moisture-filled warm air . . . with NoDrip Tape! Easy to apply NoDrip Tape forms an *airtight* jacket, gives *extra* protection from damaging rust and corrosion, too!

NoDrip Tape winds spirally around any size pipe. Converts waste basement areas into valuable storage, work, play space. Hand molds snugly around critical "drip" areas, even tees, unions, angles, etc. *No* bands, brads or fasteners! Needs *no* maintenance!

Available at hardware, plumbing, building supply and department stores.

$1.69 roll —enough for critical areas or straight 10 ft. section of ½-in. pipe.

Slightly higher west of the Rockies or in Canada

Write for FREE circular

J.W. Mortell COMPANY
528 Burch St., Kankakee, Ill.
Technical Coatings for Home and Industry Since 1895

The West nobody knows

The Idaho Wilderness

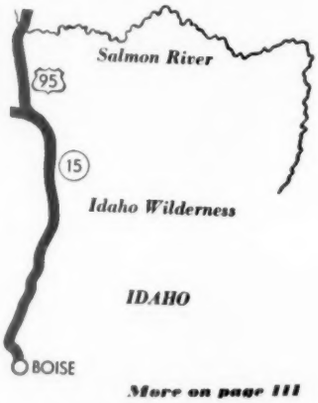
The Southwest isn't the only place left in the United States where you can find honest-to-goodness wild country. Because more and more people are turning back to the outdoors for something they miss, the National Forest Service has set up 77 "wild" or "wilderness" areas throughout the states. There are no roads, no houses, nothing to remind you of civilization. The only human inhabitants are out on the trails, mostly in summer, with guide and pack outfit.

The Idaho Wilderness is such an area. It covers more than a million acres of mountain-canyon-forest lands in the Salmon, Boise, Challis, and Payette National Forests.

At the edge are such delicious samples as Stanley and Redfish Lakes in the Sawtooth Mountains. But these spots, beautiful as they are, offer cabins and all the comforts of home. You have to push on to get into the wilderness.

If you do have a yen for trackless regions, it's for the simple things that sound trite on paper; air that is fresh and clean, the tangy spice of pine trees, wildflowers, and scolding blue jays. The rewards are views of snow-rimmed peaks; glimpses of deer, bear, cougar, and mountain goat. There are plenty of salmon and trout streams.

The Trail Riders of the Wilderness arrange forays into the back country. Their headquarters are at 919-17th Street, N.W., Washington, D.C., where you can get information. If you'd rather arrange your own party, write the National Forest Service, Department of Agriculture, Washington, D. C.



More on page 111

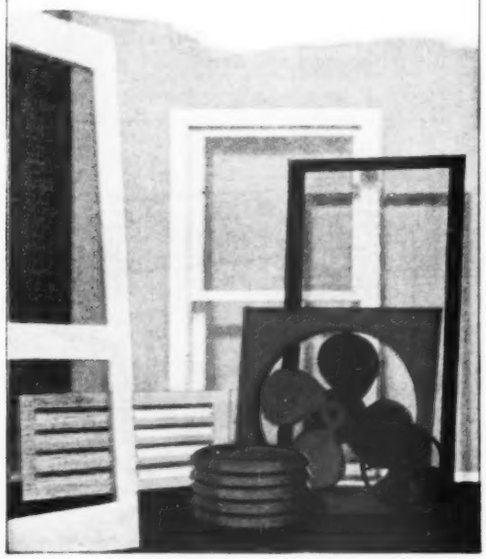
Their baby will sleep this summer—in an air conditioned home!

Their first baby and their first house--all in one exciting month! "When I brought Rosalind and the baby home from the hospital," said Al Evans, "it was a scorching 90 degrees outside . . . and a cool 72 degrees inside." Yes, the Evans' new home is air conditioned!

"I told the nurse," said Rosalind, "that our home was Carrier air conditioned and she said how fortunate that was for baby. Carrier had air conditioned the hospital, too. To have the same healthful climate when we got home would give our little one a fine start in life."

"We've got the architect to thank," said Al, "for showing us how we could have year-round air conditioning for only a few dollars more than an ordinary furnace. The trick, he said, is to design the house around air conditioning. The result is a Carrier Weathermaker Home."

"In a home air conditioned by the Carrier Weathermaker," said the architect, "we can design without old-fashioned restrictions of cross-ventilation. That way, we can eliminate wings, ells and high-pitched roofs and save the cost of movable sash, screens and attic fans."



"It was like a dream come true," said Al. "We've never been so comfortable in our lives. I simply turn on the 'cool' when the weather is hot and we heat in winter with the same unit. All year round, we enjoy clean, filtered air. It's a new kind of living for all of us!"

Would you like to live in a Carrier Weathermaker Home? The Carrier Weathermaker* can air condition the home you have now or the one you are planning to build. See the Carrier dealer who is listed in your Classified Telephone Directory. Carrier Corporation, Syracuse, N.Y.

Names are fictitious, but the story is based on fact

*Reg. U. S. Pat. Off.

first name in air conditioning **Carrier**

Porcelain outside!...Porcelain inside!

Only the Frigidaire Washer and Dryer give you such complete rust protection!

Lifetime Porcelain means longer lasting beauty, too!

The gleaming, snowy-white cabinet surfaces of both washer and dryer will stay white forever—thanks to Lifetime Porcelain. Inside, too, Frigidaire uses porcelain on tub and drum where it counts the most for greatest protection against rust and moisture. Lifetime Porcelain resists scratches, scuffs and stains. Remember, some automatic washers and dryers have porcelain tops, some have porcelain tubs and drums, but only Frigidaire offers such *complete* all-porcelain protection!

Get out more dirt, clean more gently, the Live-Water Action way!

Hot, sudsy water surges through clothes, forcing out all embedded dirt. Float-Over Rinsing lifts up all the dirt that's trapped in sudsy water . . . carries it away down the drain. World's fastest spin-dry follows—removes 20% or more water than any other washer. This exclusive washing-rinsing-drying action gets *all* dirt out of clothes *and keeps it out!* Really thorough, yet safe even for new miracle fabrics. Clothes are never scrubbed or drubbed against moving metal parts. Clothes come out cleaner, drier, last longer!

You get these money-saving, time-saving, trouble-saving features, too. Frigidaire Automatic Washer uses 2 to 8 gallons less hot water per load than many makes. Unimatic power mechanism for really dependable performance—all in one sealed unit, lubricated for life, with no belts to wear out!

Dry without fading, without snagging or fraying, the Filtra-matic Dryer way!

Don't let the searing rays of the sun fade bright colors and patterns. Test after test has proved that materials dried the Filtra-matic way are never subject to this color-stealing abuse . . . stay new looking longer. No snagging or fraying, either. Clothes tumble freely in smooth, porcelain-finished drum. A continuous circulation of fresh air dries clothes gently, evenly under an Ozone Lamp—leaves them fresh and fluffy, really sweet smelling.

Exclusive Filtrator collects lint and traps excess moisture automatically—no venting or plumbing needed. With a Porcelain Pair, you can wash and dry any time it's convenient, in *any* weather. See your Frigidaire Dealer—ask about the washer and dryer Arthur Godfrey recommends on his radio and TV shows. Look for your Frigidaire Dealer's name in your phone book under "Electrical Appliances." Or write Frigidaire, Dept. 2252, Dayton 1, Ohio. In Canada, Toronto 13, Ontario.

Be modern . . . launder electrically!

Now available in Sherwood Green, Stratford Yellow or snowy white

Your choice of these three beautiful new exteriors to match Frigidaire color-styled food freezers, refrigerators and ranges.

Frigidaire Porcelain Pair

Automatic Washer and Electric Dryer
Built and backed by General Motors

The West nobody knows

Continued from page 108

Big Bend National Park

We haven't come to the end of delightfully different spots, even in those states where these detours have wandered. There really is no end to them. But, before we make a layover, let's go down Texas way; in fact, way down in Texas, where the Rio Grande River executes a great horseshoe curve—to Big Bend National Park.

You can reach it by car from U. S. 90. If you turn off at Alpine, 220 miles east of El Paso, and 330 west of San Antonio, it's still 118 miles to the park. Good roads, part gravel, part paved, lead down to Santa Elena Canyon, east through the desert and up into the Chisos Mountains, then over to Bouguillas Canyon and Hot Springs. The Circle trip leaves by an 80-mile route up to Marathon, again on U. S. 90.

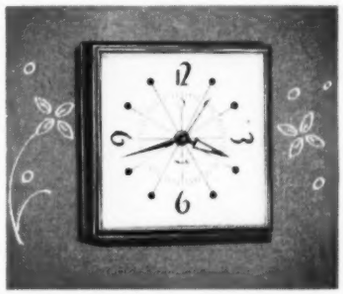
But, to see the best of this sprawling triumvirate of lazy river, brisk mountains, and prickly desert, you have to get out of your car. Horses will take you through the Chisos Mountains. Burt Beckett, the packer (address him at Marathon, Texas), arranges trips from the accommodations area in the Basin.

Just about everything blooms, and there's a variety that not even numerous books have been able to cover. It's the only place in the United States where the Giant Dagger Yucca grows, with 10-foot panicles and hundreds of blossoms on one stalk.

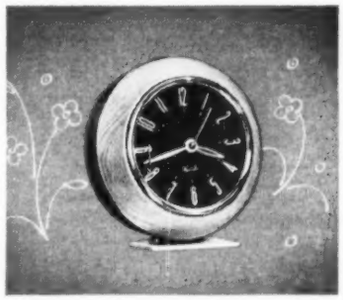
Whether it's scenery that's been outwaiting the centuries for you to admire or the "real" people in secluded haunts who don't dismiss you as "tourists," you can be sure the welcome sign is hanging out in the West nobody knows.

Brilliant New
ELECTRIC CLOCKS
by Westclox

BYRON ELECTRIC ALARM. Gold-colored Roman numerals contrast with red, green or silver color case. Pleasant bell alarm. Plain dial. Guaranteed for a year. $10.95.



COUNTRY CLUB ELECTRIC ALARM. Ivory or green case in simple, clean lines. Unique modern face. Clear, lively alarm. Guaranteed for a year. $9.45. Luminous dial, a dollar more.



KENDALL ELECTRIC ALARM. Beautifully fashioned wood case in mahogany or blond finish, suits any decor. Bell alarm. Guaranteed for a year. $7.95. Luminous dial, a dollar more.

Prices do not include tax, and are subject to change

WESTCLOX
Electric Clocks
MADE BY THE
MAKERS OF BIG BEN
La Salle-Peru, Illinois
PRODUCTS OF GT CORPORATION

New hope in the war against cancer

Continued from page 26

pituitaries of rats, then feeding them cancer-causing chemicals—without effect. In two or three first trials, surgical removal of the pituitary has helped breast-cancer patients. Now University of Chicago researchers are trying to avoid this difficult operation by planting little pellets of radioactive yttrium in the brain, close to the gland, to destroy the cancerous growth.

Babies with crossed eyes have at least a 1-in-10 chance of serious disease; parents risk cancer, blindness, and possible death by waiting for the infant to "outgrow it." Dr. Kenneth C. Swan of Portland, Oregon, warns against the misconception that crossed or turned-out eyes are normal in young babies. If it is only momentary, he says, there's nothing to worry about, but persistent crossing is always abnormal. It could indicate a dangerous cancer, retinoblastoma, that can be checked with X-rays if it is found early enough.

Hormones, drugs, surgery, and X-ray—these are the main lines of cancer progress. The results, at times, seem disappointingly scattered and fragmentary. But they are really the fruits of a mighty research program that is gaining momentum, system, and organization.

The benefits of cancer research extend into every field of medicine; for cancer—ironically, in view of its record as a killer—is an overabundance of life and youth. To understand why cancer cells multiply with deadly exuberance, and refuse to "grow up" or specialize, scientists must study normal cells and tissues, too.

As by-products of these studies, for example, Dr. Henry Borsook of the California Institute of Technology has isolated a blood-stream substance that stimulates the production of hemoglobin and red blood cells. It may prove of tremendous value against anemia. In another case, Dr. Harry S. N. Greene of Yale has transplanted embryo adrenal glands successfully into 10 adults whose own glands were diseased or worn-out. His work points directly to the day when doctors can give us new "spare parts" as easily as mechanics now supply them for our cars.

While the research program continues, the American Cancer Society's figures show that you can do the best cancer-fighting job of all, simply by seeing a doctor immediately at the appearance of any of cancer's seven danger signals: a sore that does not heal; a lump or thickening in the breast or elsewhere; unusual bleeding or discharge; any change in a wart or mole; persistent indigestion or difficulty in swallowing; persistent hoarseness or cough; any change in normal bowel habits.

One out of four cancer patients is saved now. With present knowledge, the number could be doubled by early diagnosis and prompt, proper treatment.

Swim!
Sun!

Lie on the beach!

Tampax won't "show" on "those days"

Tampax and bathing suits were made for each other! You can scarcely think of a bulky external pad in connection with today's sleek suits, but Tampax is different. It's *internal* sanitary protection—is actually invisible, once it's in place.

Tampax and sun-bathing were made for each other! The hotter it gets, the more need for Tampax. For this modern sanitary protection actually *prevents odor from forming!* And you'll surely be delighted to learn that Tampax never chafes or irritates. The wearer doesn't even feel it!

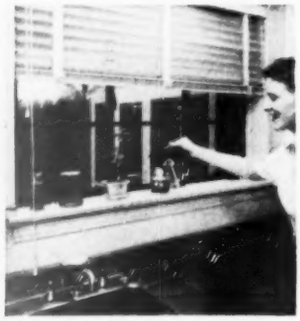
Tampax and beaches were made for each other! Yes! you can even go swimming while wearing Tampax. Think what that means during vacation days. You don't even need to worry about taking along extra protection. A whole month's supply of Tampax can be slipped into the purse. Then, too, (and this is important!) Tampax is very easy to dispose of. Get a package *this month!* At drug or notion counters. 3 absorbency-sizes: Regular, Super, Junior. Tampax Incorporated, Palmer, Mass.

Accepted for Advertising by the Journal of the American Medical Association

DO IT YOURSELF WITH ALUMINUM

Easy fun-projects with
REYNOLDS *DO-IT-YOURSELF** ALUMINUM!

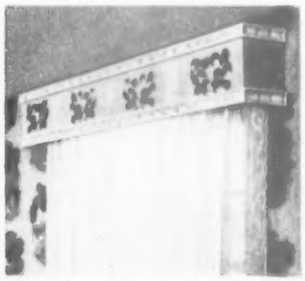
Drawer-in-a-Drawer . . . a real time saver! One of 10 Plans in Reynolds Plan #102. Only 25c with coupon below.



Window Sill Cover . . . beautiful protection! One of 10 Plans in Reynolds Plan #102. Only 25c with coupon below.

Aluminum Screens that *never* rust or stain can be whipped out in a jiffy with Reynolds *Do-It-Yourself* Aluminum . . . so much easier than wooden ones. Free instructions . . . see coupon.

Stunning Planter-Lamp in the modern manner is simple project with Reynolds *Do-It-Yourself* Aluminum. Rustproof, waterproof. Easi-Bild Pattern #541, 50c with coupon.



Window Valance fashioned from aluminum and wood brings modern beauty to any window, costs little. To make it, just follow Easi-Bild Pattern #550. Only 35c with coupon.

You start with a simple Pattern. You end up with handsome projects for your home that would do credit to a professional craftsman. The secret? Reynolds *Do-It-Yourself* Aluminum is made for really astonishing workability, using the standard woodworking hand or power tools *you now own*. Look for the special rack containing this material at your hardware or building supply dealer. Send coupon now for special Patterns and full information.

***Ask Your Dealer** about Reynolds Building Products, too, and Liquid Aluminum, the aluminum coating made by leading paint companies.*

*T. M. REYNOLDS METALS COMPANY †T. M. REG. EASI-BILD PATTERN COMPANY

REYNOLDS METALS COMPANY, 2483 South Third Street, Louisville 1, Kentucky

Please send me the following Plans, Patterns, Booklets as checked. I enclose ..... in cash or money order (no stamps please).

☐ Reynolds Plan #102 for DRAWER-IN-A-DRAWER and WINDOW SILL COVER (includes 8 other Plans) 25c

☐ Instruction Folder for ALUMINUM SCREENS ..... FREE

☐ Easi-Bild Pattern #541 for PLANTER-LAMP 50c

☐ Easi-Bild Pattern #550 for VALANCE ...35c

Name .....

Address .....

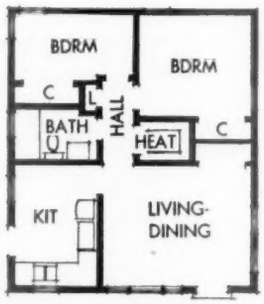
City ..... Zone ..... State .....

Reynolds Do-It-Yourself Aluminum is also available in Canada

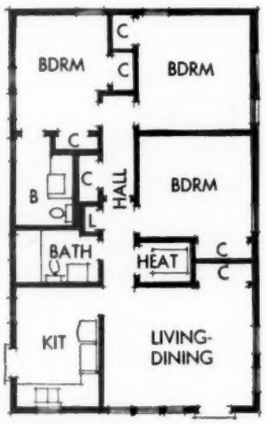
How to add space to a small house

Continued from page 59

House on narrow lot— rear addition is answer



Narrow-lot plan

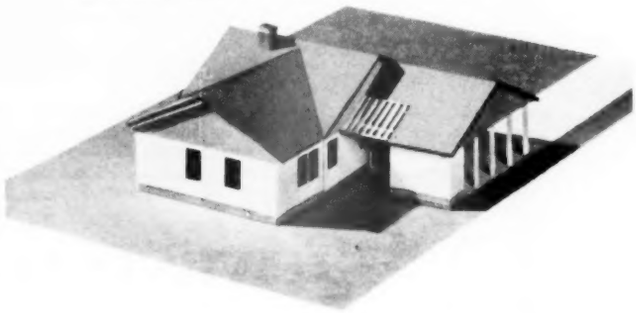


With addition

Second bath and third bedroom are gained by converting smallest bedroom, extending existing hall. Closet wall divides new bedrooms. You lower plumbing costs by locating new fixtures near old. With new bath, parents now have a complete private suite

Your lot may allow two additions

Bungalow takes on "rambler" dimensions



Rear view shows two-addition variation

It may take two additions to equal your space needs. Where they'll go depends on your lot. House at top shows breezeway-carport addition (left) and family room (right). House below shows bedroom addition at rear plus breezeway-carport on the side

How Coleman's new Blend-Air System cools and heats your home more comfortably

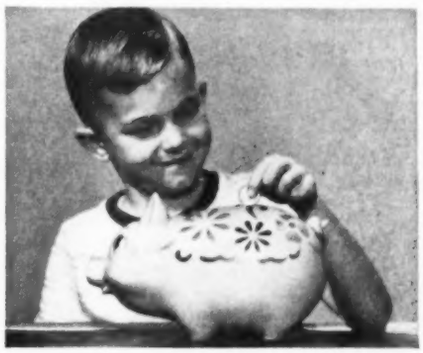
COLEMAN DOES IT with its exclusive Magic Blenders which are installed in the walls of your home. They give constant, draft-free circulation in every part of every room; keep temperature uniformly cool in summer, uniformly warm in winter. No stagnant air.

IN SUMMER cooling unit atop Coleman furnace squeezes *twice* as much moisture from wet air as most other systems. Blending action of Blenders prevents air from being too cold for comfort. Result: air is *cool*, not cold; *dry*, not damp. Pleasant atmosphere.

BLEND-AIR means better health as well as greater comfort. Coleman's filter removes dust, dirt, pollen—helps relieve hay fever and other respiratory diseases. You actually *feel* healthier the moment you breathe this crisp "mountain" air that's so refreshing.

NEED ONE ROOM a little cooler in summer, a little warmer in winter? Easy! Just turn the knob on the front of the Blender. Coleman Blend-Air gives you independent temperature control in each room *as well as* overall thermostatic control throughout the house!

NO BIG PIPES! Instead of large, unsightly pipes, Blend-Air uses small, prefabricated 3½-inch air tubes. Note the space-saving above. Installed quickly, easily in any home, old or new, Blend-Air lowers installation costs, raises home value.

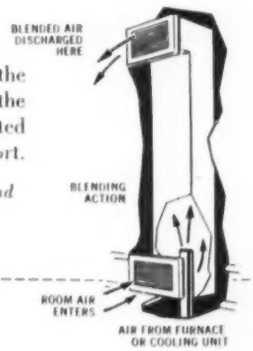


YOU SAVE up to 97% of cooling-water costs, 25% of electricity, with exclusive Water Miser. Installation costs are lower, too, and you can spread total cost over a long period by getting heating first, adding cooling *when you're ready*—just a few dollars a month.

THE ONLY SYSTEM that's guaranteed with a $1,000 Comfort Bond! Coleman gives you a written guarantee, in your name, that assures complete heating comfort in winter. No other system offers so many features for so much comfort.

HOW THE MAGIC BLENDER WORKS

In summer, it blends room air with cool air from the cooling unit for refreshing coolness. In winter, the Magic Blender blends room air with freshly-heated furnace air to maintain constant comfort.



Look up the Coleman dealer in the Yellow Pages of the phone book. Also send coupon for a free copy of illustrated "Heating and Cooling Your Home."

COMFORT COSTS SO LITTLE WITH

Coleman® Blend-Air

THE COLEMAN COMPANY, INC., Dept. 701-BHG, Wichita 1, Kansas

Please send me, without obligation, a copy of "Heating and Cooling Your Home."

I am interested in ☐ Oil ☐ Gas ☐ LP-Gas

Name _____

Street _____

City _____ *Zone* _____ *State* _____

Good News for Home Canners!

Kerr* LIDS GIVE 22% GREATER SEALING SURFACE!

Jar after jar after jar... perfectly sealed!

ONLY KERR lids have the amazing cushion-like gray sealing composition. The sealing surface actually expands 22% to grip not only the top of the jar but the inside and outside edge as well.

ONLY KERR lids have the golden finish, developed exclusively for home canning. This gives you extra protection... extra resistance to food acids.

AND KERR lids are so easy to test... you can *hear*, *see* or *feel* the seal. **Buy Kerr jars, caps and lids today!**

Use Kerr jars for freezing, too!

POSITIVE PROOF! "Laboratory tests of 4 leading brands conclusively proved Kerr lids give 22% greater sealing surface." American Testing Laboratories, Report No. 1104.

*TRADEMARK REG. U.S. PAT. OFF.

SEAL IT TIGHTER BY FAR... WITH A KERR LID AND JAR!

Meats and cheese

Begins on page 72

Marinated Green Beans

Once you've tried these, you'll want to add them to your list of salad foods—

Wash and trim 1 pound fresh green beans; cook in boiling, salted water until tender. (Or use canned green beans.) Drain and cool. Add 3 to 4 tablespoons garlic French dressing. Mix well. Chill. Wrap bundles of green beans in thin-sliced cold cuts, if desired. Makes 4 to 6 servings.

Barbecued Frankfurters

This is just about the fastest and tastiest hot dish you can think of for summer meals—

- 2 8-ounce cans (2 cups) seasoned tomato sauce
- 1 tablespoon vinegar
- 1 tablespoon prepared mustard
- 2 teaspoons Worcestershire sauce
- ½ teaspoon onion salt
- Dash Tabasco sauce
- 2 pounds frankfurters

Combine all ingredients except frankfurters. Bring to a boil. Score frankfurters; add to sauce and simmer gently until thoroughly heated, about 8 minutes. Serve with the sauce. Makes 8 servings.

Macaroni-and-cheese Salad

A hot favorite in cool guise—wonderful summer fare—

- 1 7-ounce package elbow macaroni
- 2 tablespoons vinegar
- 1 cup diced American cheese
- ½ cup chopped green pepper
- ¼ cup diced celery
- 2 tablespoons chopped pimiento
- 2 to 3 tablespoons minced onion
- ⅔ cup mayonnaise or salad dressing
- 1 green pepper, cut in rings

Cook the macaroni according to the package directions. Drain and rinse with cold water. Add vinegar, mix lightly, and let stand 10 minutes. Add the cheese, chopped green pepper, diced celery, pimiento, onion, and mayonnaise. Toss to blend. Garnish with green-pepper rings. Makes 6 to 8 servings.

Avocado Dressing

A pleasant nip—good on shredded cabbage, lettuce wedges, fresh tomatoes—

- 1 large ripe avocado
- 2 to 3 tablespoons lemon juice, fresh, frozen, or canned
- ½ cup light cream
- ¾ teaspoon salt
- 1 teaspoon prepared mustard
- ½ teaspoon Worcestershire sauce
- ¼ cup (2 ounces) sieved blue cheese

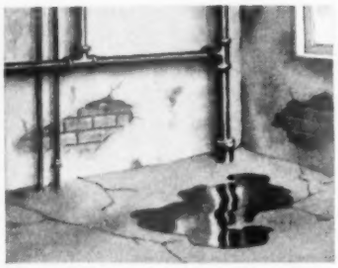
Sieve peeled avocado (about ¾ cup sieved) and immediately add lemon juice. Stir in remaining ingredients. Blend well. Chill and serve. Makes 1⅓ cups.

Golden Liverwurst Balls

A showy garnish that adds zing, and cheeriness as well—

Thoroughly blend ½ pound (1 cup) liverwurst and 2 teaspoons finely chopped onion. Form into balls about 1 inch in diameter; roll in ½ cup finely grated carrot till well coated. Cover closely and chill. Use as appetizer or garnish. Makes about 12 balls.

How to turn a damp, moldy basement into cheerful play space!



BEFORE: Even starting with a damp, unattractive basement like this . . .

AFTER: Here's what imagination and surprisingly few dollars can do!

Wasted basement space can be made into your family's favorite fun spot. But make sure your efforts and dollars aren't wasted. Don't let moisture warp and mildew furniture . . . cause rust, musty odors and paint to peel. *Banish dampness first with a Frigidaire Electric Dehumidifier* (plugs in... no installation costs). One unit will stop moisture damage in any closed area up to 10,000 cu. ft.! It's portable, can be easily moved from one location to another.

See your Frigidaire Dealer for further details. For free folder, write Frigidaire Division of General Motors, Dept. 2261, Dayton 1, Ohio. In Canada, Toronto 13, Ontario.

Only 18¼" high—20½" long—11¾" wide

Powered by famous Frigidaire Meter-Miser

FRIGIDAIRE ELECTRIC DEHUMIDIFIER

Built and backed by General Motors

Deviled Eggs

A perfect go-with for sliced cold cuts and salads—

- 6 hard-cooked eggs, peeled
- 2 tablespoons mayonnaise
- 1 teaspoon vinegar
- ½ teaspoon salt
- Dash pepper
- ½ teaspoon dry mustard *or* 1 teaspoon prepared mustard
- ¼ teaspoon paprika
- 2 or 3 drops Tabasco

Halve eggs lengthwise; remove yolks, and mash. Combine egg yolks with remaining ingredients. Refill egg whites. Chill. **Note:** If you want the yolk mixture to mound high, cook a few extra eggs; use yolks in filling; chop extra whites to use as salad garnish.

Ham Mousse

Real appeal to heat-jaded appetites—

- 1 tablespoon (1 envelope) unflavored gelatin
- ¼ cup cold water
- ¼ cup vinegar
- 1 tablespoon sugar
- 1 tablespoon prepared mustard
- ¾ teaspoon salt
- 2 cups diced cooked or canned ham
- 1½ cups finely diced celery
- ½ cup chopped green pepper
- ½ cup mayonnaise or salad dressing
- 1 cup heavy cream, whipped

Soften gelatin in cold water and vinegar. Dissolve over boiling water. Add sugar, mustard, and salt. Stir until blended. Cool. Stir in ham, celery, green pepper, and mayonnaise. Fold in whipped cream. Pour into a 6-cup ring mold or individual molds. Chill until firm. Unmold on salad greens and serve with additional mayonnaise, if desired. Makes 8 servings.

Two-tone Tomatoes

Good color and flavor mates—just the thing for summer-plate trim—

Turn tomatoes stem end down. Cut each from top, almost to bottom, in 3 slices. Insert ¼-inch slice of smoked cheese roll in each cut.

Sweet-pickle Fans

Try these when you'd like to pretty up a salad platter—

Use large, whole, sweet cucumber pickles. Cut into thin lengthwise slices, not quite through to other end. Spread out in fan shape.

Final work

As years bedeck my head
with frost,
The meaning of "love's labor
lost"
Becomes apparent. Such a
labor,
Involves advice to any
neighbor

If you would lose a valued
friend,
Here is the step I recommend:
Offer him words, however
mild,
Concerning bringing up his
child.

For amity, bear this in mind:
Eschew advice, however kind;
I vow that long as I shall live,
This is the last advice I'll give.

—*Arthur Frederic Otis*

"then the dragon came..."

Nobody tells a story like Daddy. The everyday world fades away as his words lead you into a new and shining land.

And what if the Dragon is a bit scary? You need only climb into Daddy's arms to be safe and secure again before it's time to sleep.

To make those we love safe and secure is the very core of home-making—a privilege known only where men and women are free to work for it.

And taking care of our own is also the way we best take care of our country. For the strength of America is simply the strength of one secure home touching that of another.

Saving for security is easy! Here's a savings system that really works—the Payroll Savings Plan for investing in United States Savings Bonds.

This is all you do. Go to your company's pay office, choose the amount you want to save—a couple of dollars a payday, or as much as you wish. That money will be set aside for you before you even draw your pay. And automatically invested in Series "E" Savings Bonds which are turned over to you.

If you can save only $3.75 a week on the Plan, in 9 years and 8 months you will have $2,137.30.

U. S. Series "E" Savings Bonds earn interest at an average of 3% per year, compounded semiannually, when held to maturity! And they can go on earning interest for as long as 19 years and 8 months if you wish, giving you back 80% more than you put in!

For your sake, and your family's, too, how about signing up today?

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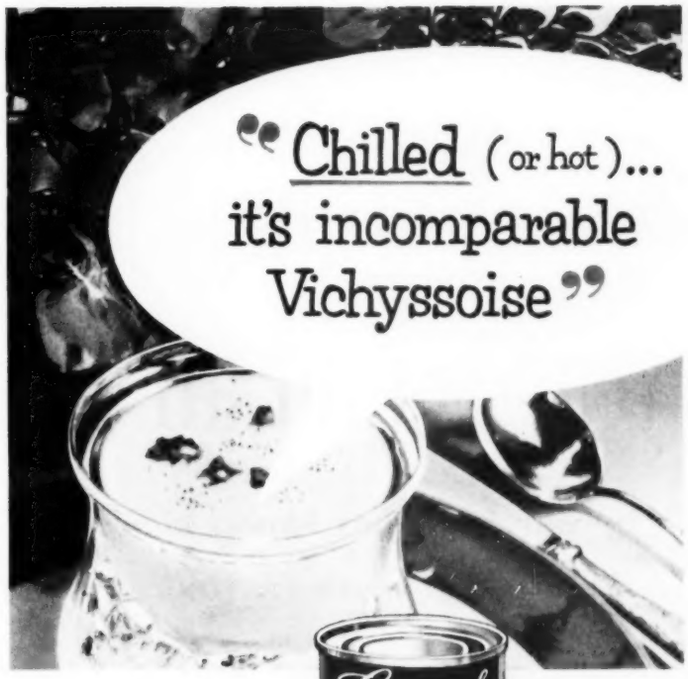

"Chilled (or hot)... it's incomparable Vichyssoise"

A rare experience even for the gourmet . . . now ready for you to serve at home. Crosse & Blackwell Cream Vichyssoise . . . blended to unique perfection with all the Gallic goodness only C&B master chefs can capture. Dinner, late snack or luncheon —voila! Serve Crosse & Blackwell Vichyssoise. For name of nearest dealer, write: Crosse & Blackwell Co., Baltimore 24, Md.

OTHER C&B MASTERPIECES

Cream of Shrimp
Clear Green Turtle
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Black Bean with Sherry
Cream of Onion
French Onion
Crab à la Maryland
Crème Mushroom Bisque

Fine Foods since 1706

OSTERMOOR

America's Quality Mattress since 1853

For over 100 years the name Ostermoor has stood for the utmost in sleep comfort.

OSTERMOOR & COMPANY, Inc.
Chicago 16, Illinois Bridgeport 4, Connecticut

STOP SCRATCHING!
NEW PULVEX
Anti-Scratch
FLEA POWDER
Kills FLEAS · LICE · TICKS · FUNGI · BACTERIA

HYPONeX
SOLUBLE PLANT FOOD COMPLETE
Grows Better Plants in Soil, Sand or Water
Simply dissolve and water all your house plants, garden flowers, vegetables, shrubs and lawn. Feeds instantly. If dealer can't supply send $1 for 1 lb. Makes 100 Gals.
Guaranteed by Good Housekeeping
HYDROPONIC CHEM. CO., Copley, Ohio, U.S.A.

GOOD NEWS!

You may already own *half* of a year-'round air conditioning system!

If your home has blower-equipped central warm air heating...you're probably all set

Yes, you're already half-way toward the enjoyment of year-'round air conditioning for your *entire* home when you have a central forced warm air system. All that is needed is the addition of the cooling equipment. Existing air ducts, blower, and filters then serve you in summer as well as winter.

Get the pleasure of summer cooling this easy, quick, inexpensive way! LENNOX, the world's largest manufacturer of warm air heating equipment, offers you new summer comfort with a package air conditioning unit that can be matched with your present heating system.

Best of all, this LENNOX *Air Conditioner can be installed in your home for monthly payments as low as $25.00.*

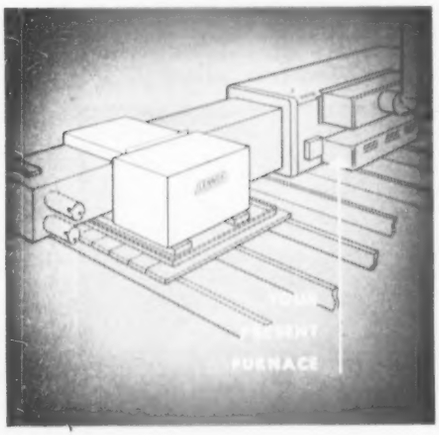
The LENNOX package unit fits above, below, or beside your forced warm air furnace—in basement, closet, utility room, attic, garage or "crawl space." The *super-quiet* hermetically sealed refrigeration unit is available in 2- and 3-ton sizes or in any combination of these . . . is engineered to give the same quiet, service-free performance as your kitchen refrigerator.

LENNOX has specialized in *home* comfort for 60 years—has brought healthfully conditioned air to more than a million homes. From this experience we have learned that temperature control is only *one* phase of indoor comfort . . . that true air conditioning means much more than mere *cooling*.

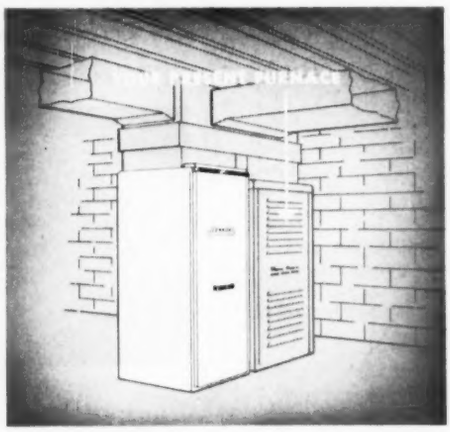
In addition to a comfortable temperature, you also need gently circulating air, controlled humidity, freedom from drafts or staleness and *absence of operating noise*.

The man who can provide you these comfort extras is your nearby LENNOX dealer. He's listed in the yellow pages of your phone book under "Air Conditioning" or "Furnaces." He knows that *home* comfort, summer or winter, should be handled by a *home* comfort expert. Call him today.

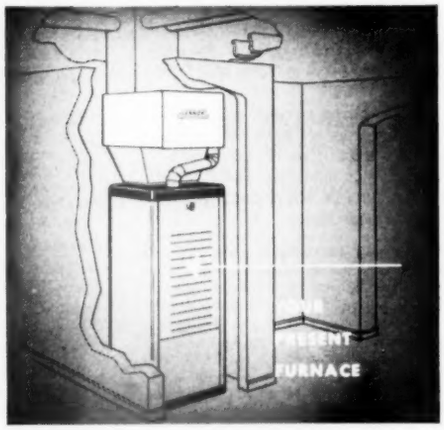
Write LENNOX, Marshalltown, Iowa, for free air conditioning booklet, "It's a Fact."



This compact Lennox horizontal-flo air conditioner fits into any main air trunk line—hangs from ceiling, or hides in attic or crawl space.



This handsome upright air conditioner contains its own large-capacity blower for increased air delivery, matches nicely with either closet or basement model furnaces. Additional "package" and year-'round combinations are available.



Unique Lennox vertical-flo air conditioner fits above or below existing up-flo or down-flo heating units, needs only 7½ square feet of space!

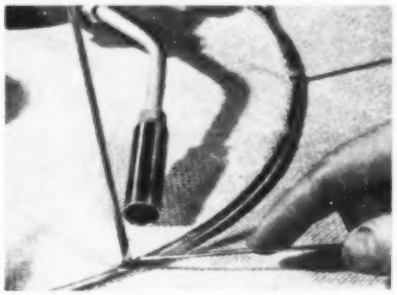
LENNOX

AIR CONDITIONING • HEATING

Specialists in Indoor Comfort since 1895

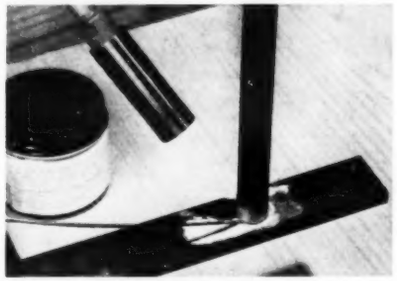
THE LENNOX FURNACE COMPANY, MARSHALLTOWN, IOWA PLANTS LOCATED AT: MARSHALLTOWN, IOWA • SYRACUSE, NEW YORK • COLUMBUS, OHIO
FORT WORTH, TEXAS • PASADENA, CALIFORNIA • SALT LAKE CITY, UTAH • DECATUR, GEORGIA. IN CANADA: TORONTO AND CALGARY

It's easy to make strong joints with silver solder



Light fabrication, like most wrought-iron accessories, is easy to do with silver solder. Joints are strong and neat. It's as simple as soft soldering, but requires a hotter flame

Get more heat with your torch by forming a small "oven" with asbestos paper or board around the joint. Oven holds heat around the joint area instead of letting it dissipate



Clean the metal thoroughly before silver-soldering. Grind, file, sandpaper, or "steel-wool" joining surfaces until they shine. This lets solder bond properly, giving strong joints

Special alloy "brazes" copper tubing together tight enough to withstand gas under pressure. Plumbing runs made of copper tubing and joined with the alloy last for years

Photographs: Stanley

There is a nut and bolt for any metal-fastening

Nuts and bolts fasten thin to thin, or thick to thick, or heavy to heavy, or any combination. You can buy them in various lengths, diameters, heads, and threads. Lock washers keep nuts tight

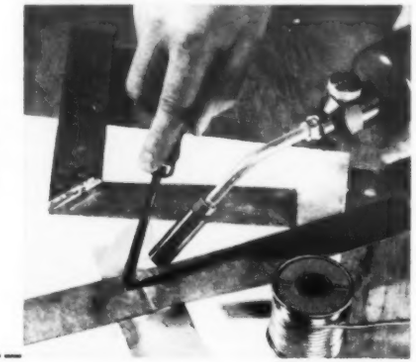
Here's how you fasten metals together

If you know how to fasten metals together, you can avoid many costly repair bills, and rescue many valuable or cherished items that seem fit only for the trash can. There are dozens of ways metals can be joined to each other—or to other materials. Those shown here are easiest for most handymen.

The simplest techniques require no skill at all—and as you improve as a worker with metals, you'll discover a new handyman world opening up before you. Pick up your equipment gradually, practice a little, and you'll soon be an expert.

With soft solder, join galvanized sheet, brass, and copper

Soft solder works best when soldering area is fairly large. "Tin" surfaces with solder after cleaning to shiny brightness. Join together, reheat with torch or iron. Lapped and bent butt joints (at left) hold tightest with solder

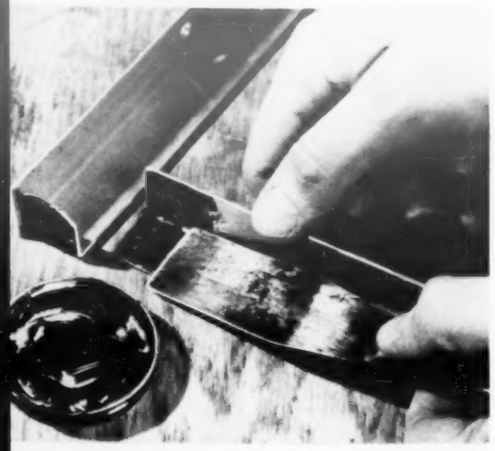


Interfolded joint, called "stovepipe seam" by tinsmiths, is easiest of mechanical ways to join metal sheets. Fold metal at ends, interlock, and hammer flat. Make the joint waterproof by flowing soft solder along one edge

Here's how you fasten metals together *continued*

Solder for wiring—cement for light metal fabrication

Better contact, stronger splices are easy when you solder electrical wires. Clean off wires first, then join with straight (top) or "pigtail" splice. Flow solder into the splice, and then wrap carefully with insulating tape



Metallic glue cements any kind of metal to the same or other kinds, in light fabrication. It holds tight if you apply it over relatively large surfaces in lapped joints. For the best results, follow the directions on glue label. Types differ

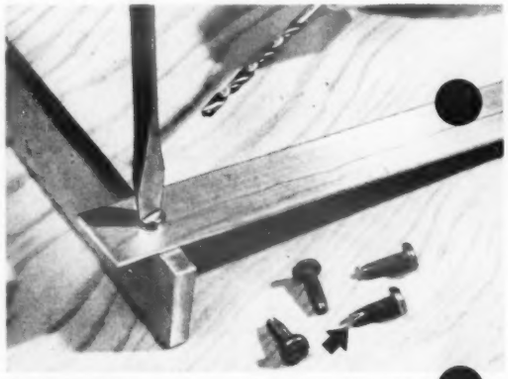
You can purchase many kinds of rivets for metals

Rivets are cheap, easy way to fasten sheet to sheet in any metal. Countersunk, flush rivets leave smooth surfaces. Hardware stores usually stock several types—solid, tubular, split, etc., made in many metals—to meet all your needs

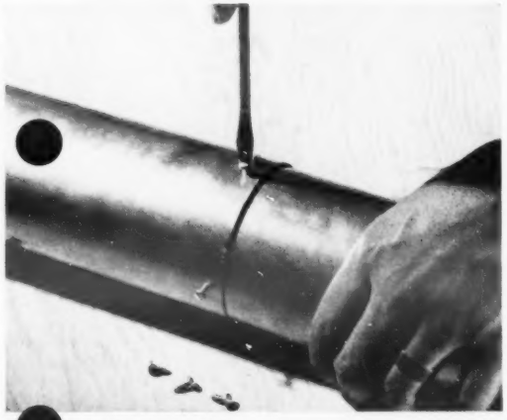
Heavier iron and steel are joined together with solid iron rivets, "set" with a ball-peen hammer. Riveting is fast, and will give you very strong joints. (They even construct steel bridges with them; they're that tough)

Metal screws are cheap, easy way to join metals together

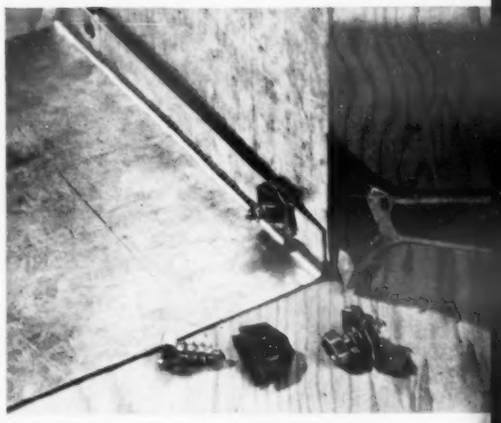
Cut threads with matching tap-and-die outfit when you join heavier, tougher metals. Tap thread holes to match machine screws. Or thread rod with die, to screw in holes



Self-tapping machine screws cut threads in thick metals. Drill pilot hole slightly smaller than the thread diameter, deeper than length. Edges (arrow) cut threads in hole you drilled



Sheet-metal screws make own threads and are used to join sheet to sheet. Drill or punch pilot hole to get screws started. Calk makes joints water- and airtight when it is necessary



Spring nuts join light metals together, reinforce sheet-metal screw threads, and add backing grip around hole area. Nuts flex some, maintain tightness in the joints

Bathroom-sun patio by Marcel Breuer, A.I.A.

"CLAY TILE...AN INSPIRATION TO DESIGNERS ...A BOON TO THE MODERN HOMEMAKER"

Marcel Breuer

Done in subtly blended clay tiles of black, gray and white, Marcel Breuer, architect of UNESCO building, has designed a bathroom-sun garden that's sure to stimulate ideas for *your* bathroom—whether it be modest or frankly luxurious.

Roomy, convenient clay tile counter-tops like this will take suds, wear and water for a lifetime. And the clay tile tub and recessed shelf, dramatically reflected in the mirrored storage wall, come sparkling bright with minimum effort.

For durability and beauty, clay tile floors—walls and wainscoting, too—have no equal! This scuff-proof, waterproof, no-wax clay tile floor leads invitingly to a sun garden. There, colorful clay tile, crisply accenting the outdoor flagstones, will resist fading and weather extremes for years.

IMPORTANT: *When building or remodeling, ask your tile contractor about the new adhesive method for installing clay tile. It may save you money. Be sure to see the wide range of sparkling clay tile colors, too!*

Get clay tile remodeling and new construction ideas from colorful, new brochure "Ideas Unlimited", plus a folder on ideas used in the Marcel Breuer bath. Both for 10¢. Write to Tile Council of America, Dept. BH, Room 3401, 10 East 40th St., N. Y. 16, N. Y., or Room 433, 727 W. Seventh St., Los Angeles, Calif.

The Modern Style is GENUINE CLAY **tile**

PARTICIPATING COMPANIES: American Encaustic Tiling Co. • Architectural Tiling Co., Inc. • Atlantic Tile Mfg. Co. B. Mifflin Hood Co. • Cambridge Tile Mfg. Co. • Carlyle Tile Co. • General Tile Co. • Gladding, McBean & Co. • Jordan Tile Mfg. Co. Mosaic Tile Company • Murray Tile Co., Inc. • National Tile & Mfg. Co. • Olean Tile Co. • Pomona Tile Mfg. Co. • Robertson Mfg. Co. Royal Tile Manufacturing Co. • Sparta Ceramic Co. • Summitville Tiles, Inc. • United States Quarry Tile Co. • Winburn Tile Mfg. Co.

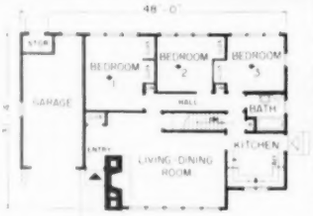
This brand name on lumber also brings you

144

Home Plans by Experts

See them all in the
WEYERHAEUSER 4-SQUARE
HOME BUILDING SERVICE

Design No. 5153



Here is the latest addition to the Weyerhaeuser 4-Square Home Building Service—a collection of home designs developed by leading architects who specialize in the creation of ideal small homes. Each home is designed to give its owner all the benefits of professional planning—sound construction at moderate cost, outstanding comfort, and beauty that means pride of ownership through the years.

This complete Service, with its scores of modern home designs, is available at the office of your local Weyerhaeuser 4-Square Lumber Dealer. If you are considering a new home, it will pay you well to see all these professionally-planned designs. See them at your dealer's office soon—there is no charge nor obligation.

Mail the coupon for home planning material and the helpful book, "Professional Pointers for Home Planners."

Weyerhaeuser 4-Square
LUMBER AND SERVICES

Weyerhaeuser Sales Company
5153 First National Bank Building, St. Paul 1, Minnesota

I have checked the material I want and enclose correct change.

- ☐ Folder on Design No. 5153 and a Booklet showing 50 other designs ..... (10¢)
- ☐ "Professional Pointers for Home Planners" ... (10¢)
- ☐ All three of the above ..... Total 20¢

Name _____

Address _____

City _____ *Zone* ____ *State* _____

These add up to a

Photograph: Szanik. Architect: Arthur Swab

Around the corner. A special storage nook is built into the side of this cabinet. Here's the place to collect spices, herbs, seasonings, and other staples that come in small containers. The four shallow shelves don't steal precious space from the big cabinet, yet they keep everyday items in easy reach. Store the larger packaged foods at left

Designer: Tom Gist

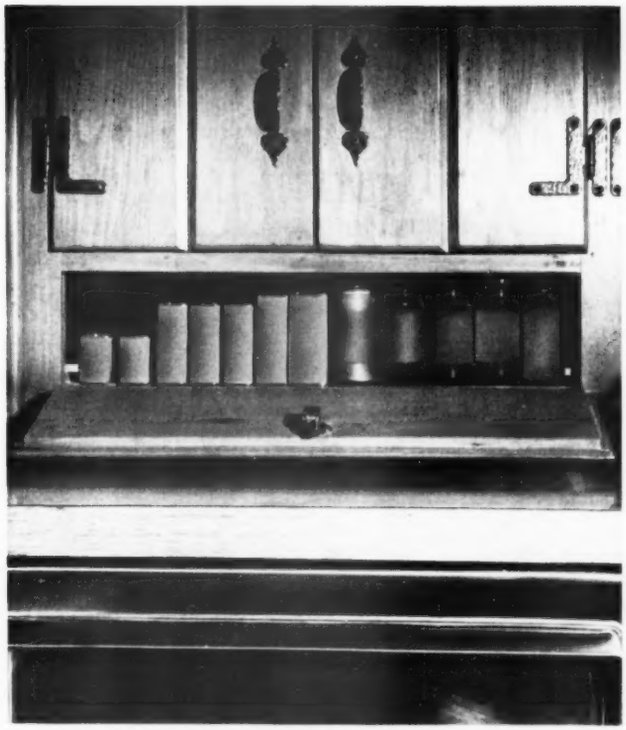
Secret stowaway. Here, slots section off the wide partition that divides kitchen from the dining area beyond. In the Stephen Moorehead home, Tucson, this storage space keeps trays and platters handy to the dining table, cooky sheets near the range. Dishes and food on their way to the dining area can rest on room divider's wide top

bigger kitchen

Begins on page 80

Suter, Hedrich-Blessing

Extra put-it place. Three doors in a row tip down to form sturdy shelves, save dish-juggling in the Robert O. Clark kitchen, Deerfield, Illinois. Space behind these doors welcomes toaster, waffle maker. Above, taller shelves hold plates; shallow shelves, cups. Top and bottom cabinets give a home to large bowls, seldom-used decorations



Last-minute seasonings. In the same kitchen with the center island, page 80, designer-owner Robert Lusk added another plus feature. He tucked a narrow shelf between the upper built-in oven and the regular wall cabinets. Now see how easy it is to find the herbs or spices you want, try new adventures in seasoning meats, casseroles

Mighty thrifty!

Dense, deep-drinking cotton terry loops ... rainbow-dipped colors in a heaven of solids and textures ... true quality at a quiet price. That's Dundee all over!

Dundee Towels

DUNDEE MILLS, INC., Griffin, Ga. • Showrooms: 40 Worth St., New York City

Other Dundee Fabrics: DIAPERS • FLANNELETTES • DUNFAST ALL-PURPOSE COTTONS

4

When it costs so little more... why not enjoy *both* automatic heating and cooling?

HEATS in winter
COOLS in summer

A Year Round FRIGIDAIRE Conditioner gives you a "One Temperature Home" summer and winter

Now you can say good-bye to muggy summer heat and icy winter blasts—and keep your windows closed against dust, dirt and pollen. It costs surprisingly little to own a new Year 'Round Frigidaire Conditioner that gives you complete, healthful comfort—365 days a year! And savings in construction will often offset part of the cost of the unit.

See your architect. He'll show how your home can be designed to take full advantage of a modern year 'round air conditioning system. He'll show you how air conditioning can often let you place windows to get the best view rather than prevailing summer breezes; lets you arrange rooms the way you want them, forgetting about cross-ventilation.

The Year 'Round Frigidaire Conditioner is compact—very little larger than many furnaces alone—only 46" wide; 33½" deep; 76" high. Designed for basement, utility room or closet. Single, combination unit simplifies installation, saves costs. A choice of heating units, either oil or gas fired, is available. Cooling power is supplied by Frigidaire's famous XD Meter-Miser Compressor, warranted for 5 years. Cushioned blower for quiet operation. Large, efficient air filter.

FREE! Get the latest facts on Frigidaire Year 'Round Air Conditioning! Learn how *you* can enjoy all the health and comfort benefits of a one-temperature home. Send today for free illustrated folder, containing specifications, etc. Write: Frigidaire, Dept. 2265, Dayton 1, Ohio. In Canada, Toronto 13, Ontario. Or call your nearest Frigidaire Dealer.

Frigidaire Thrifty Twin Room Conditioners for Single Room Comfort!

Frigidaire Thrifty Twin models have two cooling systems. It's like having two room conditioners in one! You save up to half your cooling cost in moderately hot weather, yet have reserve cooling power for hottest days. Great Circle Cooling circulates *all* the air into *all* the room regardless of window location. Frigidaire Room Conditioners may be installed flush with drapes to take no space in room.

Frigidaire Conditioners

BUILT AND BACKED BY GENERAL MOTORS

Proud workshop

Begins on page 50

Individual lights for each tool provide working illumination, and brighten every corner of shop when they're all burning. Yet, each can be turned off when tool is out of use. Lights are ceiling-mounted on boxes coming through the tile from the conduit running behind it

Storage by use is the key to Alft's system for hand tools. Here, the cutting tools (chisels, planes) are racked together, and in the other compartment of this cabinet are the wrenches, screwdrivers, and similar tools. Sides and backs of cabinets are both utilized for tools

More on next page

It is no secret. Every bride learns it, every housewife knows it . . .

Day by day, telltale signs of *wear* appear around the house! Things do grow shabby with use.

What a joy, then, to find that St. Regis Panelyte won't *ever* stain . . . or lose its bright, fresh color! Its lovely pattern is a permanent part of its surface.

Each room looks brighter, more cheerful, spic-and-span . . . when you put a Panelyte sinktop in the kitchen, a vanity and shower wall in the bathroom, tables and counter tops in the rumpus room.

Enjoy this modern plastic surface for easier, more care-free living. St. Regis Panelyte can be applied quickly by your local installer-fabricator.

Ask for it by name at your kitchen cabinet, floor covering or building supply dealer. Or send coupon below.

If you're handy with tools, buy 1/10" "Easy to Apply" St. Regis Panelyte and install it yourself.

Better get the coupon off *today!*

The sinktop above is Yellow Myth—one of many lovely patterns for you to choose from.

ST. REGIS
PANELYTE
THE MODERN SURFACE

St. Regis Panelyte is manufactured by St. Regis Paper Company, one of America's largest integrated paper manufacturers, with resources ranging from raw materials in its own forest preserves to modern mills and plants and its own nation-wide distribution.

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St. Regis Paper Company, Panelyte Division
Box 40, Grand Central P.O., New York 17, N.Y.

☐ Send me full color 16 page "Idea Book" showing how I can use St. Regis Panelyte to make my home more beautiful and my housekeeping easier. I enclose 10¢ for handling.

☐ Tell me the name of a nearby installer-fabricator.

Name _____

Street _____

City _____ Zone _____ State _____

In Canada: St. Regis Paper Company (Canada) Ltd., St. Johns, Que.

New Westinghouse Air Conditioner cools every room in your home

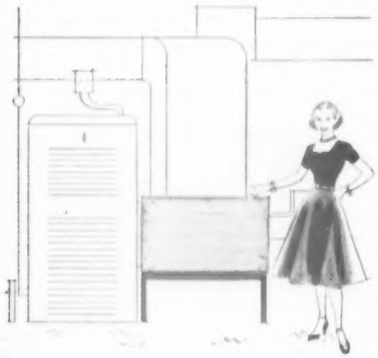
This single unit cools every room, from basement to attic, at the same time

If you are thinking of building a new home, or your present one already has a forced warm air heating system, a single Westinghouse UNITAIRE® will air condition *every* room. It easily hooks into your forced air system and maintains the same comfortable temperature throughout the house.

Requiring no more floor space than a refrigerator, it needs only a drain, an electrical connection and water to operate. If you use an air-cooled condenser, however, not a drop of water is needed. The two horsepower UNITAIRE, which in most cases cools the average home, is only 23 inches high. Larger units are of course available for larger homes.

This remarkable UNITAIRE also wrings excess moisture from the air—then automatically disposes of the water, with no bother to you. And, if anyone in your home is sensitive to dust or has an allergy, the UNITAIRE will prove an additional blessing. Heavy-duty filters trap airborne dust and pollen.

To find out how you can air condition your entire home, the economical UNITAIRE way, phone your local Westinghouse Air Conditioning Dealer. He's listed in the Yellow Pages of your phone book. Or write directly to Westinghouse Electric Corporation, Air Conditioning Division, Dept. BH7, Hyde Park, Boston 36, Mass.



This sketch, drawn to scale, compares the size of a two horsepower UNITAIRE with that of a 5 foot 4 inch housewife. Though only 23 inches high, it cools the average home.

WESTINGHOUSE AIR CONDITIONING

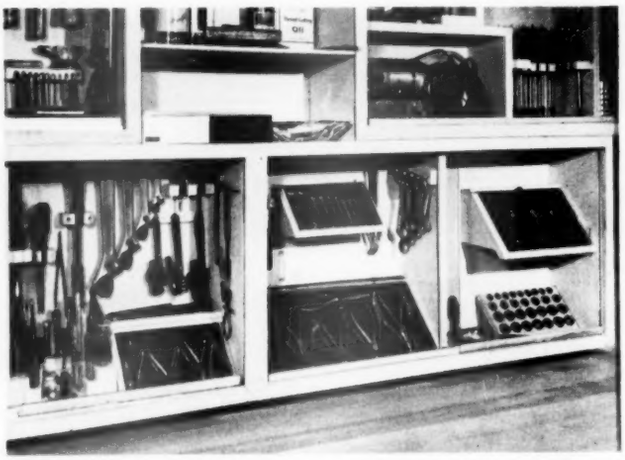
YOU CAN BE SURE...IF IT'S Westinghouse

J-80399

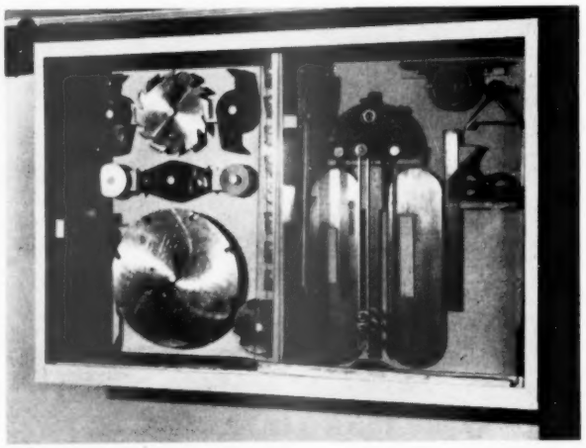
Proud workshop

Continued from preceding page

Tool-storage location is planned to put all the accessories for each power tool in easily reached positions. Wood and metal bits, attachments for mortising, various necessary gauges are in these cabinets mounted above the drill press. Motor nestles between the cabinets



Type of storage depends on adaptability of tools to hanging or racking or lying, as shown here. Points of pride: The back-slanted racks for small, meticulously wiped hand tools are lined with green felt. Portable electric tools have individual shelves, upper right



Saw accessories have their cabinet on wall near saw—including the tools for laying out work. Most of Alft's storage cabinets have sliding glass doors. They stay clean, yet you can see what's in them. Regular sliding-door hardware for glass was used for the cabinets

To bed, to bed, you sleepy head in a beautiful "Dutch Boy" Color Gallery room: walls, Florentine Blue; woodwork, Georgian Gray.

A Paint that'll open your eyes

to "easy-does-it" decorating

...new, odorless "Dutch Boy" Flat Wall Enamel, the alkyd resin wonder finish!

What's *new* in paint?

New "Dutch Boy" Flat Wall Enamel!

It's an odorless alkyd resin paint—the last word in modern finishes. And take it from the "Dutch Boy," it will open your eyes to "easy-does-it" decorating.

Easy does it—easy and fast—when you're brushing or rolling on new "Dutch Boy" Flat Wall Enamel. No brushmarks, no lapmarks, no sag.

Easy to get a smooth, slick, uniform finish every time. You just can't go wrong with this brand-new wonder paint—it's as foolproof as paint can be. And one coat's enough for most repaint jobs.

Easy to wash! And repeated cleanings don't "wash out" the rich, fresh beauty of your finish.

Easy to find just the color you want, too. More than 100 smart, lovely hues. And you can also get these same gorgeous colors in satin and high lustre finishes.

At your "Dutch Boy" dealer. His name is listed under "Paint" in your classified telephone directory. See him soon, and today write for a free copy of COUNT ON COLOR.

Live Colorfully with

Dutch Boy *Reg. U. S. Pat. Off.

PAINTS · ENAMELS · VARNISHES

You pick a color—the new "Dutch Boy" Color Gallery does the planning

Modish pastels, subtle in-between shades, gorgeous deep tones . . . your favorite color is at your fingertips in the new "Dutch Boy" Color Gallery. And chips you can take home tell you which colors go together. See the new Color Gallery at your "Dutch Boy" dealer. Pick your color, and let the Gallery do the planning.

NATIONAL LEAD COMPANY
Dept. 321 (Address nearest office)

New York 6; Atlanta; Buffalo 3; Chicago 80; Cincinnati 3; Cleveland 11; Dallas 2; Philadelphia 25; Pittsburgh 12; St. Louis 1; San Francisco 10; Boston 6 (National Lead Co. of Mass.).

Please send me a Free copy of COUNT ON COLOR—the "Dutch Boy" booklet that shows how the Color Gallery can help "re-shape" rooms, individualize them, make them sing a new high note of beauty.

Name _____

Address _____

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MOUNTAIN-FRESH WATER

from a faucet with a Spring-Flo Aerator

Cloudy water becomes crystal clear, healthy oxygen is replaced, when your faucets have Spring-Flo Aerators. Millions of disappearing bubbles whisk away foreign tastes and odors, leaving water better for drinking and cooking.

CAN'T SPLASH. Bubbles act like tiny cushions to stop splash. The high velocity Spring-Flo stream clings to surfaces, makes washing, rinsing faster, saves water.

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on all leading makes of faucets

SPRING-FLO® AERATOR

CHASE BRASS & COPPER CO.

AUTHORIZED U. S. PAT. 2,310,846 — 2,316,832

Salads . . .

Begins on page 68

Date-Nut Bread

3 cups sifted enriched flour
4 teaspoons baking powder
1 teaspoon salt
¾ cup light brown sugar
¾ cup chopped California walnuts
1 7¼-ounce package (1 cup) pitted dates, chopped
1 well-beaten egg
1½ cups milk
3 tablespoons melted shortening

Sift together flour, baking powder, and salt; stir in brown sugar. Add nuts and dates. Combine egg and milk; stir into dry ingredients. Stir in shortening. Pour into greased 10x5x3-inch loaf pan. Let stand 20 minutes before baking. Bake in moderate oven (350°) about 70 minutes.

Fruit-Mallow Dressing

1 cup marshmallow crème
¼ cup salad dressing or mayonnaise
1½ teaspoons grated orange peel
2 teaspoons orange juice
1 to 2 teaspoons lemon juice, fresh, frozen, or canned

Blend all ingredients together until well mixed. Serve over fruit salad. Makes 1 cup.

Fruit French Dressing

½ cup sugar
1 teaspoon salt
1 teaspoon celery salt
1 teaspoon paprika
2 teaspoons prepared mustard
1 teaspoon grated onion
1 cup salad oil
¼ cup vinegar

Mix dry ingredients; add mustard and onion. Add oil, a small amount at a time, alternately with vinegar, the last addition being vinegar. Beat with a fork; then, if mixture seems to separate, use rotary or electric beater till blended. Makes 1½ cups.

Lobster Salad

1¼ cups flaked canned lobster (1 5-ounce can)
⅔ cup chopped celery
⅓ cup diced cucumber
2 hard-cooked eggs, chopped
¼ teaspoon salt
Dash pepper
2 tablespoons lemon juice, fresh, frozen, or canned
Mayonnaise or salad dressing
2 ripe avocados

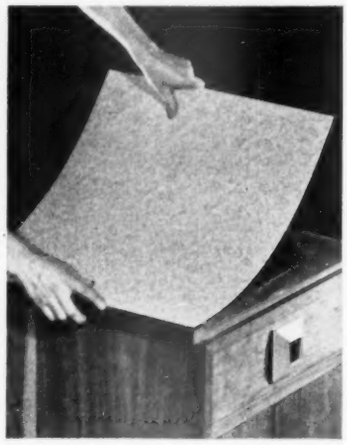
Combine lobster, celery, cucumber, eggs, salt, and pepper. Sprinkle with the lemon juice, and add mayonnaise to moisten. Chill. Halve and seed avocados; brush cut surface with extra lemon juice; fill with lobster mixture. Garnish with mayonnaise, if desired. Makes 4 servings.

Cucumber Ring Mold

1 tablespoon (1 envelope) unflavored gelatin
¼ cup cold water
1 cut clove garlic
3 3-ounce packages cream cheese
2 cups drained, grated, pared cucumber
1 cup mayonnaise or salad dressing
¼ cup minced onion
¼ cup minced parsley
½ teaspoon salt

Soften gelatin in cold water. Dissolve over hot water. Rub mixing bowl with garlic. Stir cheese to soften; add cucumber, mayonnaise, onion, parsley, and salt. Mix well. Stir gelatin into cheese mixture. Pour into 5-cup ring mold. Chill until firm. Makes 8 servings.

Beauty you can buy—apply yourself



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Address _____

City, Zone, State _____

Creamy Mayonnaise

Fluffy and mild-tasting—it's especially nice with fruit salads—

Fold ½ cup of heavy cream, whipped, into 1 cup mayonnaise until well blended. Makes about 2 cups.

Plum-blossom Salad

A wonderfully delicious salad duo—and pretty, too—

Cut red-ripe plums in 6 sections not quite through. Spread open just enough to remove pits. Fill centers with cottage cheese. Serve on crisp lettuce.

Desserts . . .

Begins on page 78

Strawberry Ice-cream Mountain

Easy does it—and so elegant—

¼ cup butter or margarine
¼ cup sugar
1½ cups fine graham-cracker crumbs (18 crackers)
3 pints strawberry ice cream
1 cup heavy cream, whipped
Whole strawberries

Cream butter till soft. Stir in sugar and crumbs; mix well. Pour crumb mixture into a 1¼-quart (5-cup) mixing bowl. Press crumbs over bottom and sides—this is easy if you set a smaller bowl on top of crumbs and use it to press crumbs firmly into an even layer. Soften ice cream and press into the crumb lining. Freeze firm—about 6 hours, or overnight. Unmold by running a spatula around sides and bottom. Invert on serving plate. Decorate with whipped cream (use pastry tube) and whole strawberries. Makes about 9 servings.

Raspberry Sno-cap Pie

A chilly beauty that's packed with fresh raspberry flavor—

2 12-ounce packages frozen red raspberries
2 tablespoons (2 envelopes) unflavored gelatin
½ cup cold water
½ cup hot water
¼ teaspoon salt
¾ cup sugar
½ cup lemon juice, fresh, frozen, or canned

• • •

1 9-inch baked pastry shell
1 cup heavy cream, whipped
Bias-cut banana slices

Thaw raspberries, sieve to remove most of seeds. Soften gelatin in cold water; dissolve in hot water. Add salt, sugar, and lemon juice; mix well. Add 2 cups sieved raspberries to gelatin mixture; chill till partially set. Pour into baked, cooled 9-inch pastry shell. Chill until firm. Trim with swirls of whipped cream and banana slices.

Rainbow Meringue Sundaes

All you have to do is scoop the ice cream—

Buy meringue shells at the store. Choose ice cream or sherbet in 3 pastel colors; place small scoops of each on shallow pan and freeze firm. For each serving, fill a me-

| *Turn to page 128*

Truly comfortable living begins with a bryant furnace!

Picture yourself in a home that's luxuriously warm in winter and delightfully cool in summer . . . in a home where the air is refreshingly free of dirt, dust and pollen—and always at the ideal humidity level. That's luxurious living!

And now there's a convenient, practical way to bring this kind of comfort to your home.

The answer lies in the unique design of Bryant's new "Command-Aire" Furnace (gas or oil). Here is a trim, compact unit that's ideally equipped to serve your winter comfort needs reliably and economically—yet lets you add a twin "Command-Aire" Summer Air Conditioner wherever it becomes economically convenient. It simply moves in alongside the furnace and employs existing duct work.

It's a case of going from snug winter comfort to year 'round luxury on a pay-as-you-go basis—while you add substantial extra value to your home.

Ask your Bryant Dealer for full details on the Bryant "Command-Aire" Furnace. Or simply use the convenient coupon below.

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City & State _____

An advertisement of Reynolds Metals Company

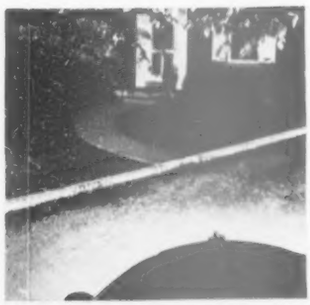
BETTER HOME
Product News

Today's refrigerators offer you new attractiveness, new efficiency, new time and work saving advantages . . . and aluminum does its full share in bringing you these benefits. Aluminum shelves and ice cube trays are light yet strong, easy to keep clean. Aluminum crisper pans and meat trays are non-toxic, won't chip or crack. Aluminum freezer compartments chill faster, defrost quicker, won't rust . . . protect your frozen foods. Some models even have dispensers for Reynolds Wrap household aluminum foil built right in for your convenience.

Ideal Wading Pool for youngsters—"brings the beach to your backyard" where it's easy to watch over tots. Type shown combines the best features of rigid and collapsible pools. An aluminum wall around the inflatable pool protects plastic against rough use and prevents water loss experienced with unsupported rim. Aluminum can't rust . . . rolls into compact coil for easy storage along with deflated pool. Look for the "Designed in Reynolds Aluminum" Seal when shopping for wading pools at your favorite play equipment store.

From wheelbarrows to wastebaskets, from porch furniture to appliances—you'll be seeing more products that feature this new "Designed in Reynolds Aluminum" Seal. That's because many manufacturers are now displaying this seal as a reminder that they are using Reynolds high quality aluminum in their products. So look for this mark of merit on the aluminum products you buy. It's your assurance of getting products made with the finest material — Reynolds Aluminum.

If you're building or modernizing you'll be wise to consider the many advantages of aluminum siding. There is no rotting, warping, shrinking, swelling or cracking with aluminum siding. It is also fire, rodent and termite resistant, serves as a vapor barrier and provides natural insulation. Aluminum siding is light, easily handled, and can be worked with standard carpenter tools. Some makes have baked-on finishes, others are plain or stipple embossed for painting in the desired color. For names of aluminum siding manufacturers write Reynolds Metals Company, Dept. B, Louisville 1, Ky.



Here's a bright idea for summer spruce-up jobs! Brush or spray a coat of *Liquid Aluminum* on your driveway edging or marker stones, garage interior, fence, rustable metal gutters and downspouts, lawn furniture, garden tools, etc.—watch how this high quality aluminum paint brightens them—and protects them, too, against rust and weathering. *Liquid Aluminum* is made by many leading paint manufacturers. For booklet on hundreds of uses see your dealer or write Reynolds Metals Company, Dept. L, Louisville 1, Ky.

Desserts . . .

Continued from page 126

ringue shell with one each of the three flavors. Serve with chilled pineapple tidbits as sauce.

Moonlight Cake

It's a luscious two-egg chiffon cake, moist and deliciously different—

2 egg whites
½ cup sugar
• • •
2¼ cups sifted cake flour
1 cup sugar
3 teaspoons baking powder
1 teaspoon salt
⅓ cup salad oil
1 cup milk
1½ teaspoons vanilla
2 egg yolks

Beat egg whites till foamy. Gradually beat in ½ cup sugar. Continue beating till very stiff and glossy.

Sift remaining dry ingredients into another bowl. Add salad oil, *half* of the milk, and the vanilla. Beat 1 minute at medium speed on mixer or 150 strokes by hand, scraping sides and bottom of bowl constantly. Add remaining milk and egg yolks. Beat 1 minute longer, scraping bowl constantly.

Fold egg-white mixture gently into batter with down-up-and-over motion, turning bowl. Bake in paper-lined 13x9½x2-inch pan in moderate oven (350°) 40 minutes, or till done. Cool 15 minutes in pan; turn out. Let cool thoroughly. Cut cake in half crosswise, then split each half in 2 layers to make 4 layers in all. Spread Orange Filling between layers; cover top and sides with Frosty Frosting. **Note:** You may bake cake in two 8x1½-inch round pans, about 30 to 35 minutes. Then split each layer in half.

Orange Filling

The tang of fresh orange flavor makes this delightful—

1 cup sugar
¼ cup cornstarch
½ teaspoon salt
1 cup orange juice
1½ tablespoons lemon juice, fresh, frozen, or canned
2 tablespoons butter or margarine
2 tablespoons grated orange peel

Combine sugar, cornstarch, and salt; gradually stir in orange and lemon juices. Add butter, and cook, stirring constantly till mixture thickens. Boil 1 minute, stirring constantly. Stir in orange peel. Chill. Spread between layers of Moonlight Cake.

Frosty Frosting

Fluffy and light to pretty a layer cake or cupcakes—

⅔ cup sugar
2½ tablespoons water
⅓ cup light corn syrup
⅓ cup (2) egg whites
1½ teaspoons vanilla

Combine sugar, water, and corn syrup and place over high heat. When sugar syrup *begins* to boil, beat egg whites until stiff enough to hold a peak. Continue to boil syrup rapidly to medium-ball stage (242°). Remove from heat at once and gradually pour hot syrup over egg whites, beating constantly with rotary or electric beater. Continue beating till frosting forms very stiff peaks; blend in vanilla. Spread on top and sides of Moonlight Cake.

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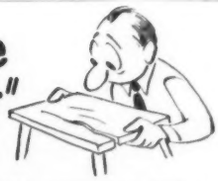
This is what you voted for—Sani-Flush with a mild fragrance that leaves bathroom atmosphere refreshed. And the toilet bowl sparkling clean. Sani-Flush works chemically—no messy scrubbing. Cleans thoroughly, even the film you can't see. At all grocers. The Hygienic Products Co., Canton 2, Ohio.

Sani-Flush

for a **REALLY CLEAN** toilet bowl

Home "Fix-it" Tips



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YOU NEED "PLASTIC WOOD"

fast acting ... effective

50¢ At Garden Supply, Drug, Hardware and Seed Stores.

Ginger-ale sparkle

Begins on page 90

Pink Party Punch

4 cups cranberry-juice cocktail
2 cups unsweetened pineapple juice
1 cup lemon juice, fresh, frozen, or canned
8 7-ounce bottles (7 cups) chilled pale-dry ginger ale
Lemon slices

Combine juices and chill (in punch bowl if you have room in refrigerator). Just before serving, add ice cubes or ice block and pour ginger ale slowly down side of bowl. Garnish with lemon slices. Makes about 3 quarts.

Honolulu Cooler

½ cup sugar
1 cup water
1 cup strong tea
1 cup unsweetened pineapple juice
¾ cup lemon juice, fresh, frozen, or canned
⅓ cup orange juice
2 cups chilled pale-dry ginger ale
Orange slices
Mint sprigs

Make simple syrup by boiling sugar and water 5 minutes; set aside. Combine tea and fruit juices; chill. Just before serving, add ginger ale and syrup to taste. Garnish with orange slices and mint sprigs. Makes about 6 servings. **Note:** If you have any ginger ale left in bottle, pour into refrigerator tray and freeze. Use ginger-ale cubes to keep drinks cool and zippy.

Sunshine Salad Mold

A citrus and ginger-ale beauty to grace your buffet table—

2 tablespoons (2 envelopes) unflavored gelatin
½ cup cold water
1 9-ounce can (1 cup) crushed pineapple
¼ cup sugar
Dash salt
Dash paprika
1 8-ounce can (1 cup) grapefruit sections, drained
⅓ cup broken pecans
2 cups chilled pale-dry ginger ale

Soften gelatin in cold water 5 minutes. Drain pineapple, reserving syrup. Add enough water to pineapple syrup to make ½ cup; heat to boiling point. Remove from heat and add gelatin; stir to dissolve. Add sugar, salt, paprika, pineapple, grapefruit, and pecans. Chill till cold (but not long enough to start setting); then stir in ginger ale. Chill till partially set; pour into 1-quart ring mold. Chill till set. Unmold; garnish top with maraschino cherries, if desired. Serve with mayonnaise or your favorite dressing. Makes 8 servings.

Strawberry Soda

2 packages strawberry-flavored gelatin
2 cups hot water
1 cup cold water
6 7-ounce bottles chilled pale-dry ginger ale
Vanilla ice cream
Fresh strawberries

Dissolve gelatin in hot water. Add cold water; let cool till syrupy. In each of 6 tall glasses, combine ½ cup of gelatin mixture, 1 bottle ginger ale, and a scoop or large spoonful of ice cream. Garnish each serving with several strawberry slices; top with a whole strawberry. Makes 6 servings.

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Champion Ernharkenburg's Stormson displays the alertness and graceful speed for which Doberman Pinschers are noted. His diet is a most important factor in maintaining his superb condition. That's why this champion is Dash-fed. Dash is fortified with liver, the richest of all meats in protein, vitamins and minerals. These essential nutrients are balanced with the proper amount of carbohydrates and natural fats to make Dash the *complete* dog food. Feed your dog Dash! Prepared under U. S. Department of Agriculture supervision.

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YOUR PET AND MINE

Keep an eye

A puppy needs your personal attention

If you're thinking of buying a young puppy, be sure there will be someone home during the day to care for him. He won't housebreak himself. For proper training, a puppy needs to be aired five or six times a day to learn the habit. And if he's under 6 months old, he should be fed three or four times a day

Pups like a ripping good time

If you leave your puppy alone for any length of time, don't be surprised to find the place a shambles upon your return. Pups like action, and delight in sprees of destruction—ripping magazines, chewing furniture and doors, tearing rugs, pulling at curtains. Females can be just as destructive as males

on your dog

By Russell K. Lowry

Don't let your dog trespass

If you live in the city and exercise your dog, don't let him off the leash to run over neighbors' lawns or through shrubbery. He can get into no end of trouble which might take you, the owner, into court. If you haven't a yard of your own, walk your dog on a leash to some nearby vacant lot or wooded area

Photographs: Harriet Arnold

Dog ownership makes you responsible

A dog allowed to roam the neighborhood can get into serious mischief; a dog that "never bites" may do so when tormented by children. Also, the dog can pick up vermin and disease from other animals. He can be run over, stolen, or poisoned. Dog ownership demands responsibility of control and good care

More on page 131

Will we ever grow up?

Of course they will! All they need is your love, and the kind of care that's so easy with Sergeant's Dog Care Products. Sergeant's SKIN BALM, for example, brings soothing relief to unsightly skin irritations and so-called "summer eczema" and heals them quickly. It's easy to apply—no unpleasant odor. Other safe, sure products for fleas, ticks, fungi, worms, lack of vitamins. All easy to use; veterinarian-approved. Relied on by dog owners for 78 years. **FREE:** colorful Sergeant's Dog Book tells you all you need to know about the care, feeding and training. Just write: Sergeant's, Richmond 20, Virginia.

At drug and pet counters everywhere

Sergeant's® dog care products

Lasting convenience ...through the years

Enjoy the last word in comfort, economy, and lasting convenience with Orange "Triple-Slide" Aluminum Storm Windows. All the panels are self-storing. Even the screen is stored inside . . . protected against dirt and weather. Yet you easily rearrange the glass and screen panels in seconds as the season demands . . . *from inside the house.* Special stainless steel tracks assure this new kind of convenience for years to come. Be sure to see them.

'Orange' products are made by Eagle-Picher.

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Dandelion. You may mow the bright yellow flowers off this weed, but deep, carrot like roots survive to bloom year after year.

Spray 2,4-D on plants, or scatter commercially available 2,4-D impregnated sand or vermiculite on patches. Keep some extra on hand for other seedlings that may spring up.

Plantain. Formerly an all-day job, you can now get rid of these ground-hugging plants after a couple of 2,4-D treatments like the one described at left for dandelions.

Always buy "amine" form of 2,4-D, which won't wash away as quickly. When mixed with water, it's not strong enough to injure grass.

Chickweed. This white-flowered weed grows in shade and where soil is moist and acid. Combat with 2,4-D or PC (potassium cyanate).

PC comes as a powder and must be mixed in water according to directions. After mixing, spray on chickweed patches, or sprinkle mixture from your garden watering can.

Weeds in your lawn?

Have your dreams of a beautiful lawn been interrupted by weeds poking through your grass? Why not beat those mower-clogging invaders the easy way this summer? Hang up your grubbing hoe, and invest a little time and money in some proved weed-killing chemicals. They do the work while you sit back and enjoy a lawn that's all grass.

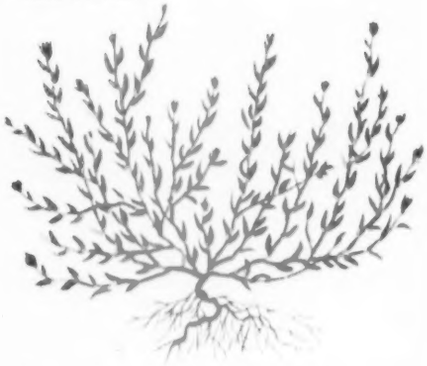
Weed killers have undergone extensive tests since first introduced. Types mentioned here have proved their labor-saving effectiveness and now are as much a part of a home gardener's equipment as a rake or spade.

Some weeds are killed with lethal swiftness (particularly during rapid growth); others may take a week or two to die. Pick out the weeds that mar your lawn; buy the herbicide suggested; follow package directions.

Good lawn care is first step in weed control

- **Get good grass seed. Check tag to be sure weed content is negligible. Don't buy trouble.**
- **Buy tested varieties adapted to your area.**
- **After sowing, give lawn lots of deep watering. Keep up a good grass-feeding program.**
- **Set mower at 1½-2 inches. If grass is cut too close, weeds move in. Mow every week.**
- **A good weed-killing rule of thumb: 2,4-D for fast-growing, broadleaf varieties; 2,4,5-T on tough, woody ones; PC on grassy types. Labels give help.**

Drawings: Ken Gunall



Knotweed. This hearty intruder thrives even in poor ground. Spray knotweed seedlings with twice 2,4-D directed for dandelions, or try mixture of 2,4-D and stronger 2,4,5-T.

Repeat treatment every three weeks to catch new growth. Besides spray and scatter methods, 2,4-D is available in commercial applicators.

Sorrel. This creeping perennial grows arrow-shaped leaves and flowers that vary in color. It seeds early in summer, so catch it now.

One spraying of 2,4-D will usually do the trick. Sorrel grows slowly; once you clear it out of your yard, a thick, healthy turf will usually choke out any return visits.

Crabgrass. This persistent pest is lawn enemy No. 1. It survives any but the most concentrated attacks, returns yearly from seed.

When lawn's a year old, spray on PC. Spray once early in summer to catch first growth, then last of August for late sprouts. It may take several seasons to get entirely rid of it.

PERFECT NEW WAY TO FEED SUMMER LAWNS!

new Instant VIGORO*

COMPLETE PLANT FOOD IN WATER SOLUBLE FORM

Your lawn needs continuous nourishment to *stay* healthy, thick and green . . . to crowd out weeds and crab grass.

Here's the easy way to do it.

Feed new Instant Vigoro during these hot summer months. You simply mix this new type Vigoro with water and *sprinkle* it on—as easily as you'd water the lawn or garden.

In a matter of days you can see results. Instant Vigoro dissolves instantly. It's ideal for supplemental feeding of lawns . . . for freshening up thin patches . . . and for bringing new life and nourishment to every flower and vegetable in the garden. Mixed with water, Instant Vigoro makes nutrients instantly available for plant use, thereby speeding vital growth.

Like regular Vigoro, Instant Vigoro has been proved to contain *all* the food elements plants need. So whether you apply Vigoro in dry form or in liquid form . . . you are *sure* of the results that come only from feeding *complete* plant food . . . beautiful, deep-rooted lawns . . . fine, healthy flowers . . . and mineral-rich vegetables.

Get Instant Vigoro from your regular Vigoro dealer.

**Vigoro is the trade-mark for Swift & Company's complete, balanced plant food.*

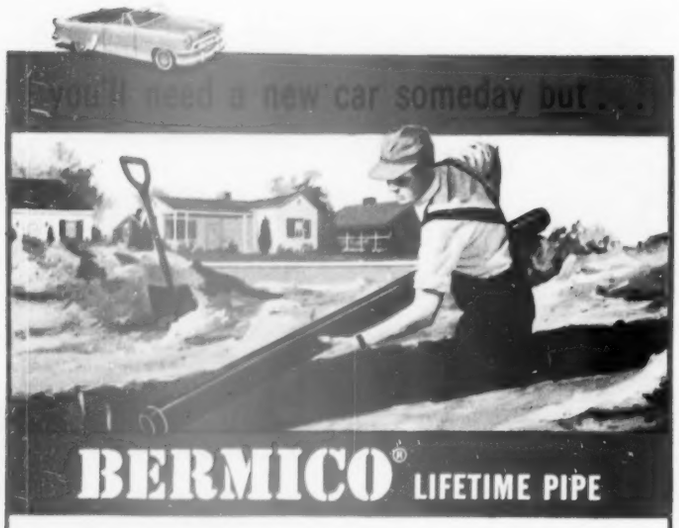
Tiny concentrated crystals that dissolve in water and provide complete, instant feeding action.

Can be used directly on leaves (even on exposed roots) because it's applied as a liquid.

Like regular Vigoro, new Instant Vigoro is so complete it can make plants grow and thrive even in plain sand.

Like regular Vigoro, it's perfect for flowers, lawns, vegetables, trees, shrubs.

Feeding Instructions: *For foliar (leaf) feeding:* Mix one level tablespoon of Instant Vigoro to a gallon of water and wet leaves thoroughly. *For soil application:* Mix two level tablespoons of Instant Vigoro to a gallon of water and apply to 12 square feet of area. *For applying through water hose:* Make a concentrated solution of four ounces of Instant Vigoro per pint of liquid to be metered through the attachment.



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Buy Bermico — best in low-cost root-proof pipe for house-to-sewer connections, septic tanks, down-spouts. Ask your plumbing and heating contractor or building materials dealer about it — or write Dept. LB-7, Brown Company, Boston.

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Dry out your damp basement with this Startling Invention!

Free Book shows how to chase the Moisture Monster from your home!

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NAME _____
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Just what is a good house?

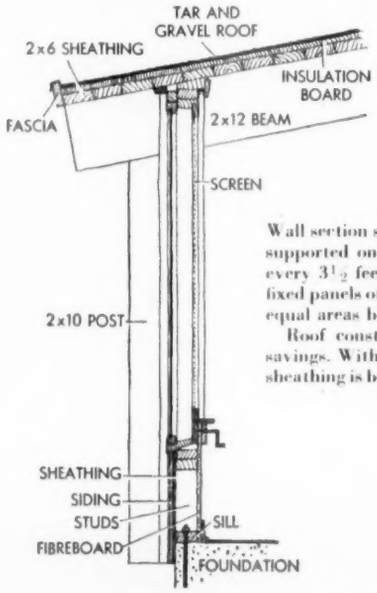
Begins on page 28

A good house is economical to build

Five Star Home 2407 was designed on a 3½-foot module based on one standard window size (see drawing below). This method allows uniform wall framing—speeding construction and cutting materials waste. The modular scheme permits mass cutting of materials, since pieces are of equal lengths. This type of construction gives an interesting design quality of repetition and unity—especially effective where structural members are exposed as in picture below. Different textures and framing defeat any monotony.

Size, always a cost factor, was considered, too. There is 1,416 square feet of enclosed space. [*Turn to page 136*

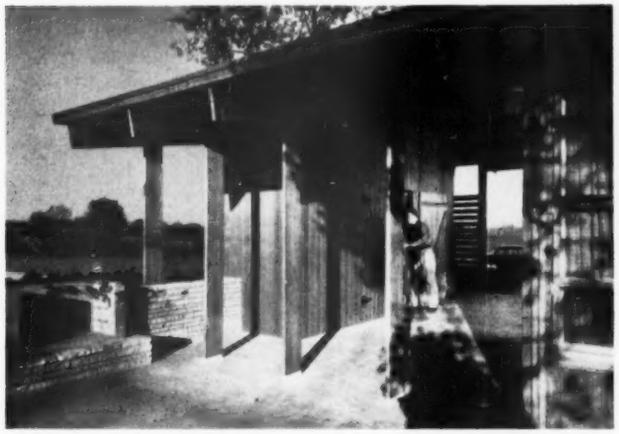
Architect put every effort into overcoming rawness of many modern houses. Here, you have texture, warmth, good proportion — simplicity that would make an Eighteenth Century mahogany secretary as much at home as shelf-divider at right. Open ceiling slopes to view



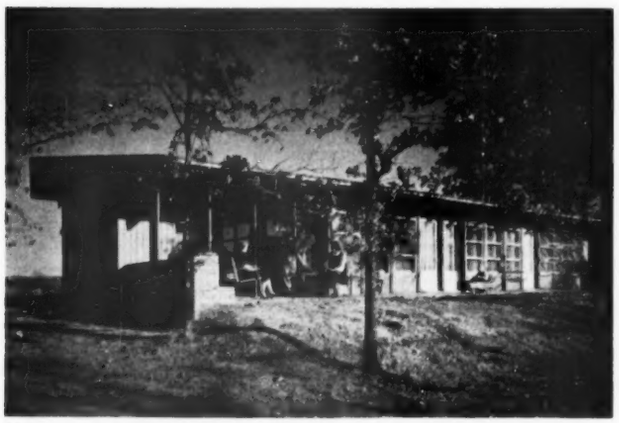
Wall section shows ceiling beams supported on 2x10 posts spaced every 3½ feet. Windows, doors, fixed panels of like widths occupy equal areas between posts.

Roof construction adds more savings. With the beams exposed, sheathing is both roof and ceiling.

Dining-to-kitchen relationship offers the equal of one-room convenience. Pass-shelves take place of traditional buffet — table items can be taken out or put in from either side. Philippine mahogany paneling adds lustrous texture to contrast with large area of glass at left

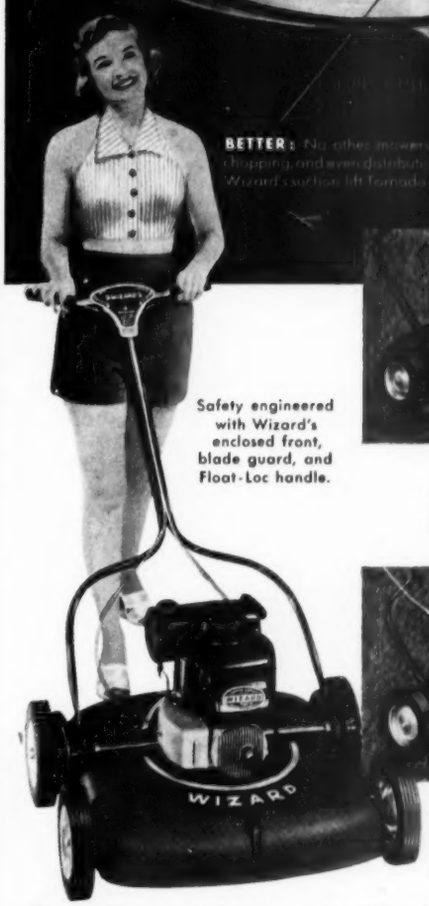


A shelter for your car, yes — but more. It's a refuge for the children when it rains, a covered picnic area, and a storage room for garden and outdoor gear. Storage wall keeps area out of view of passers-by. Cut-stone fireplace at left is only a few steps from the kitchen door

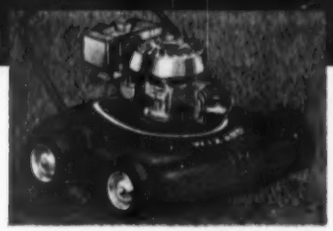


House was oriented to give living areas benefit of beauty and privacy of rear yard — plus off-the-street play space for children. You can follow the shade around the house with protection of wide eaves and carport roof. Doors from living room, parents' bedroom are visible here. Redwood panels, doors, and windows are fitted to $3\frac{1}{2}$-foot module

There's a "custom-engineered" WIZARD to mow your lawn faster, easier, and better;



Safety engineered with Wizard's enclosed front, blade guard, and Float-Loc handle.



1 Powerful lightweight Wizard Wildcat gives top cutting efficiency. Big $1\frac{1}{2}$ h. p., 2-cycle, ball-bearing engine. Only... **$69.95**

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So insist on the genuine *"Galv-After"* Chain Link Fence . . . the fence with the zinc coating applied after weaving —not before. Look for the famous orange and black Anchor Fence nameplate. For more information, write for free illustrated pamphlet.

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"Permanent Beauty for your Home"

Anchor Fence
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Just what is a good house?

Continued from page 134

A good house is flexible

Five Star Home 2407 is adaptable to any part of the country. It isn't planned for a year-round moderate climate—would work as well in Minnesota as in Arkansas.

It has interior flexibility, too. The children's wing can be used as one large bedroom-playroom. Or, by drawing a folding door, it becomes two separate sleeping areas. The picture at the bottom of this page shows this area furnished as a guest room/bedroom. A second bath serves this part of the house.

A good house is convenient

It reduces the steps in daily housekeeping and repair jobs. Here, work areas are centralized, and there are no stairs to climb. The kitchen and the dining area have a pass-counter serving each side. A pantry storage wall in the utility area is just a couple of grocery-laden steps from the carport.

The owners' bedroom has its own bath and dressing room.

Doors are well located, too. Children can reach their bedrooms from the carport or the front door without tracking mud anywhere except on rubber-tiled traffic lanes.

A good house has privacy

Up-to-date orientation gives privacy from the street and neighbors —*and from within the family*. Occasionally, we all like to withdraw from the busy adventures of the family world. That's why the parents' bedroom is located to the rear of this house—with exit to the terrace. For still-greater parental privacy, a dressing room and bath adjoin this bedroom.

The carport wall provides privacy from near neighbors on the side.

Main living area is just out of sight of entrance (background). Cove lighting dramatizes high ceiling, exposed rafters. Light patterns play an important part in the structural effect of Five Star Home 2407

Folding partition creates two rooms or a single large room in 20x13 children's area. Two sides are identical in closet space and size, and each has a door to hall. Here, one side is used as a guest room

More on page 146

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It **is** happening, **now**, in back yards from coast to coast! If you live in the Los Angeles or San Francisco areas, we'll build your pool...elsewhere, your Landon-franchised contractor will build it... with equipment manufactured and warranted by Landon of California, pioneer builders of fine swimming pools.

But... **no matter where you live**... and before you buy any pool at **any price**, send 25¢ today for "How To Plan Your Pool" and "The Truth About Pools."

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Leading stores throughout the United States feature Home Planning Centers, to make available to you the individual attention of skilled advisers. They'll be glad to help you—plan an attractive color scheme, choose the proper furnishings, select just the right *Better Homes & Gardens* Five Star home plan for you and your family, and give you lots of ideas, suggestions, and material on almost any phase of home building, decorating, or improvement. Manufacturers' literature is also available on a wide variety of products for the home.

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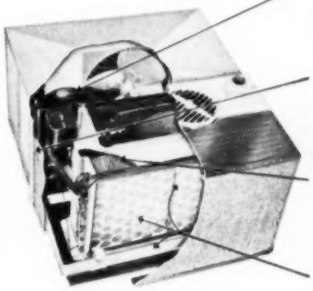
[*Turn to page 143*

Get more cooling power at lower cost

(quicker, quieter, too!)

Why your best buy in air conditioners is INTERNATIONAL HARVESTER

You can *see* the difference in this smart new IH. You can *feel* the difference—your room gets cooler faster, stays comfortable all summer. And you'll *know* the difference in the money you save with economy features like these:



IH "Tight-Wad"® Compressor unit gives you more cooling power per dollar, keeps day-to-day costs low as possible.

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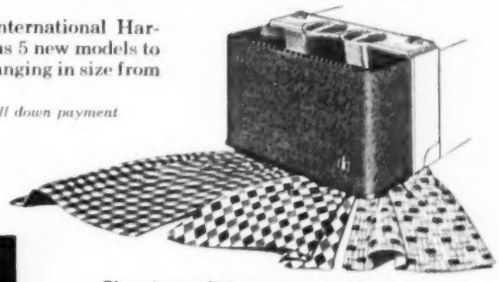
You can own one for as little as 2^{24} a week*

Your nearby International Harvester dealer has 5 new models to choose from—ranging in size from ⅓ to 1 hp.

**After a small down payment*



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A lady with ideas about STEEL

When the thermometer bubbles up into the eighties and nineties this summer—and stays there—this lady's family will keep cool and comfortable, just because she had the right ideas—about steel.

They'll relax in the clean, fresh air provided by a home air-conditioning unit—within her budget now, thanks to steel . . . America's bargain metal.

Evening breezes will circulate without bothersome insects, because of screen doors and windows in warp-free, rust-resistant steel frames. And there's nothing like summer dining on the screened porch, where durable steel furniture helps keep you cool and comfortable.

Modern living is comfortable living—the year around. And it can be yours at reasonable cost if your plans include steel. Steel—the foundation of modern living—works for you, your comfort and your pleasure.

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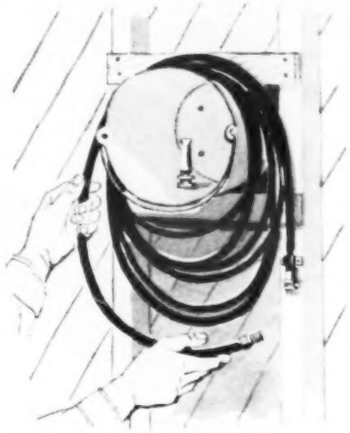
NATIONAL STEEL CORPORATION

Water window boxes

One of last jobs before leaving is to water window boxes. They may get rain while you're gone, but don't depend on it. They'll benefit from a peat mulch, as deep as box will hold. Soak peat first

Store garden tools



When plants are watered, mulched, look around while it's still light. Collect all your tools and supplies, and store inside. Drain and coil hose before storing it. Wrap on reel or around an old pail like this

Cultivate row crops

Use your hand or wheel hoe to loosen just the top of the soil around vegetables and row crops. This slows weeds, helps trap any rain that may fall. Ask neighbors to harvest vegetables that mature

Check locks and latches

When you've packed the car, locked the door, and left a note for the milkman, check garden gate, tool-house door—be sure they're latched and won't bang back and forth. Take a last look at check list

Better Homes & Gardens
SMART GARDENER'S GUIDE

(Maintenance)

Garden tips for vacationers

Here are simple tricks to help your garden take care of itself while you're away on vacation. Check the reminders below; see which apply to you

CHECK LIST

Lawn area, walks, and drives

- ☐ Trim grass away from flower borders, walks, driveways. Arrange to have the grass mowed if you plan to be gone two weeks. Water lawn just before you leave.

Tender flowers, perennials

- ☐ Water thoroughly; pull up any weeds in borders. Mulch shallow-rooted plants to protect from heat. See that stakes and ties on flowering plants are secure. Cut off all flowers, except tiny buds. Spray or dust with multipurpose pesticide.

Shrubs and young trees

- ☐ Water well the week before you leave. Cultivate lightly around bases to conserve moisture. This also kills weeds that would go to seed by the time you return.

Potted plants, window boxes

- ☐ Use tricks shown on following pages to keep soil moist in pots, or leave house key with a neighbor who will water them. Place plants in a room where shades will not be drawn, so they will get enough sun. Set pots in saucers to catch excess water. Examine for pests and spray, if necessary.

Garden tools

- ☐ Tour lawn and pick up all stray tools and bring them inside. Drain and coil the garden hose. Clean dirt off tool blades, wipe with an oily rag to prevent rust.

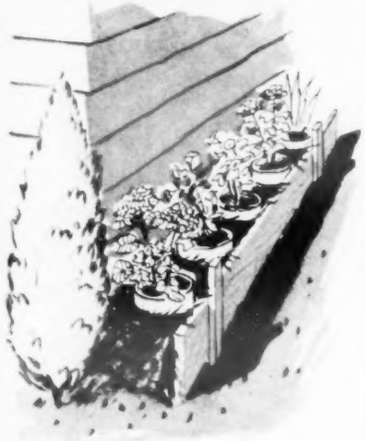
Plastic keeps soil moist

Plastic vegetable bag wrapped around a pot plant will keep the soil moist about two weeks. Water plants just before you leave, and plastic will keep moisture in. Fasten with plant tie or rubber band

Moss holds extra water

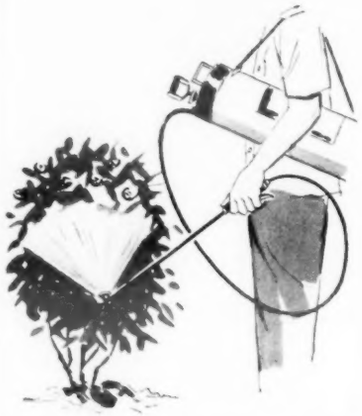
Use your extra pots to keep plants moist. Just set small pots in larger ones, and pack damp sphagnum or peat around sides. Soak the moss thoroughly before you leave. It will hold enough water to keep soil in pot moist for an extra week

Bank pot plants outside



Here's a good way to keep a lot of pot plants moist. Line up on north side of house, and bank with moist sand, soil, or peat. Don't cover any of tops, just the pots. Provide a light shade, if necessary

Protective spraying



To keep pests from taking over your garden while you're gone, spray or dust with a multipurpose pesticide before leaving. To prevent unnecessary corrosion, run clear water through sprayer after use

Leave neat hedges

Trim formal hedges so your lawn will look well groomed all the time you're gone. This isn't a last-minute job—a good trim should last a month. Water hedge when you finish, so you don't have too many last-minute watering jobs

Mulches protect plants

Mulch all new roses, tender perennials, and shrubs set out this year. Mulching will conserve soil moisture and prevent most weed growth. Good mulches include peat, ground corncobs, and vermiculite—even old planks and flat stones will help

Trim walk and driveway edging

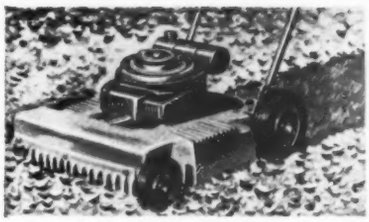
Trim your lawn edgings a few days before you leave, so grass won't creep into flower beds and onto sidewalks and drives. Also chop out stray weeds in shrub borders as a part of your cleanup program

Check stakes, ties

When you make your last-day tour of garden, carry a ball of cord or some plant ties. Check the stakes of your tall plants. Leave them all securely braced and tied

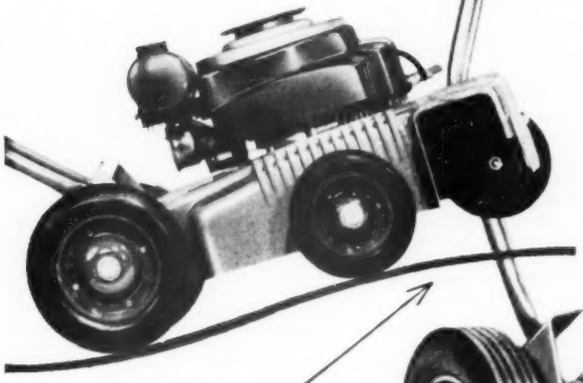
Now's the time to buy the LAWN-BOY

There will be months of "happy mowing" ahead



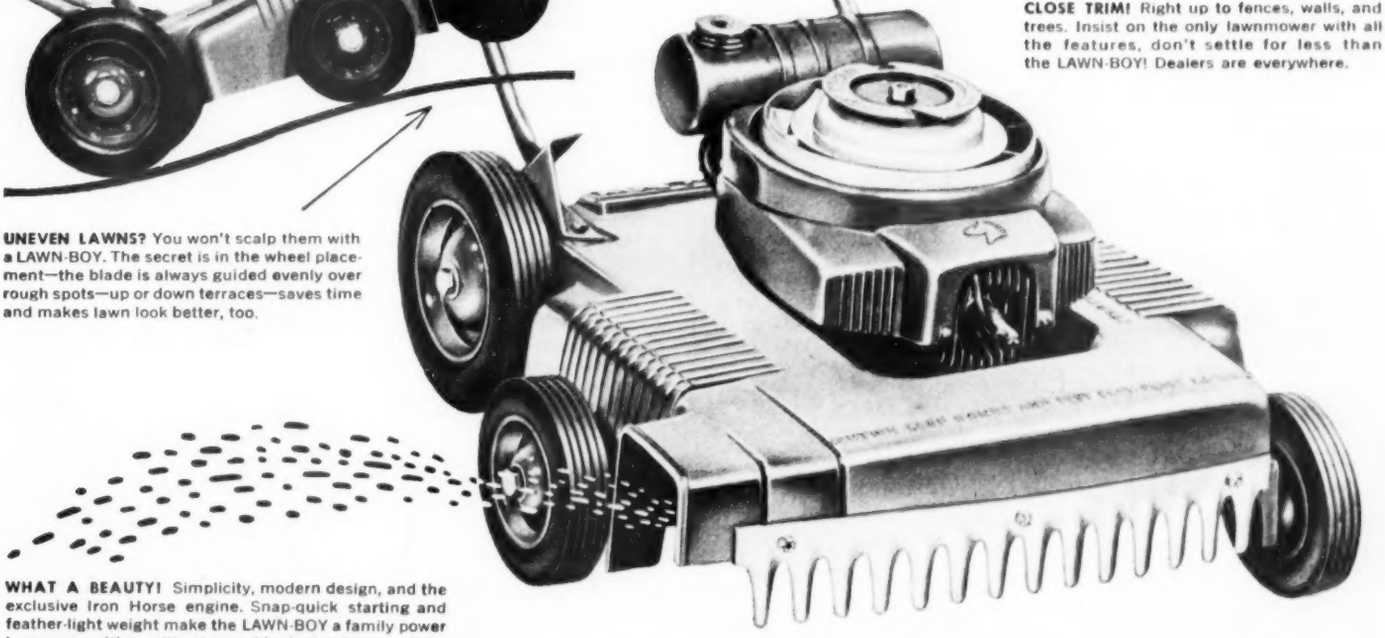
LOOK AHEAD. The LAWN-BOY you buy now will mulch leaves this fall—no more tiresome raking and your grass will be greener next spring. The LAWN-BOY way is the modern way—fast—simple—inexpensive.

Cut high rough grass in the spring—smooth lawn in the summer, and mulch leaves in the fall. That's the modern LAWN-BOY way to grass care. Don't wait—get the whole story now. See your dealer today.



CLOSE TRIM! Right up to fences, walls, and trees. Insist on the only lawnmower with all the features, don't settle for less than the LAWN-BOY! Dealers are everywhere.

UNEVEN LAWNS? You won't scalp them with a LAWN-BOY. The secret is in the wheel placement—the blade is always guided evenly over rough spots—up or down terraces—saves time and makes lawn look better, too.



WHAT A BEAUTY! Simplicity, modern design, and the exclusive Iron Horse engine. Snap-quick starting and feather-light weight make the LAWN-BOY a family power lawnmower. It's quality plus and budget priced—built by Outboard, Marine & Manufacturing Company, makers of the famous Johnson and Evinrude outboard motors.

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18 inch deluxe 2-cycle Iron Horse engine

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The finest dye . . the high concentrate dye . . and only 25¢

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1437 W. Morris St., Indianapolis 6

What's happened to Independence Day?

Begins on page 43

at the head of our Emporia Fourth of July parade.

Yet, their war (I knew) had been fought when my grandmother (born in 1830) was a grown woman. When she was a child, most of our "old soldiers" were yet unborn. So—

"Which old soldiers were they, Grandmother, when you were 10 years old?"

My grandmother never had thought I was very bright. Now she looked at me sharply.

"Why, the men who had fought under General Washington—who else? And from the way they read The Declaration, we could see that they were still angry at the things King George had done, and wanted us, in our time, to understand why they had to take up arms against him. Then, when the reading was finished, one of the younger veterans from that second war (this could only be 1812: The Mexican War was yet unfought) would touch tinder to the cannon. And we children would always stop up our ears for the terrible noise it made! But in those times, we had no firecrackers. They came much later."

Nor, in 1840, when Grandmother was 10, did they have any Fourth of July traffic jams, nor any toll of holiday drownings at beaches. Yet, they had something which is missing today. They could hear George Washington's men recite, with great earnestness, that document which had sent them forth with muskets to make us free. Bunker Hill, Valley Forge, and Yorktown were, in my grandmother's childhood, no farther back in time than are Manila Bay and San Juan Hill from today's children. Small wonder that she always respectfully called it "Independence Day" and never the Fourth of July. Would you call Christmas the Twenty-fifth of December?

In losing her respect, we may have lost much else. Take even that "Declaration" that they reverently read—pick it up out of the swamp of sun-tan lotion, holiday hot dogs, and hamburger catsup into which we have let it sink. Here is prose from the pen of Thomas Jefferson, as edited by Franklin and Adams—measured words which, in stately beauty, are worthy to rank with the Apostles' Creed. Here are noble English plus high reasoning, fused by the heat of stern times into a Litany of Freedom.

Time was when, if a schoolboy knew those words by heart, it was held to be all the sociology he needed. They still say more, and say it with far more beauty, than shelves of texts on government. Yet, of today's schoolboys, how many can repeat even all of its opening sentence?

Likewise with our flag. All those old veterans of General Washington's army had been born under another, and had then watched the birth of their own. They remembered when their own Continental Congress had first designed it; when some Philadelphia woman had stitched up the first true copy of it; they had then fought behind it, and, now that they could live in freedom under it, they handled it, on Independence Day, with more loving pride than had it been gold brocade!

In those days, there was no American home, however humble, that could not scrape together the silver and coppers to buy a flag to fly on Independence Day. How many flags will you see, draped across the picture windows of today's modern homes on our Fourth of July? And, if the old flag is now a little out of style, what does this mean?

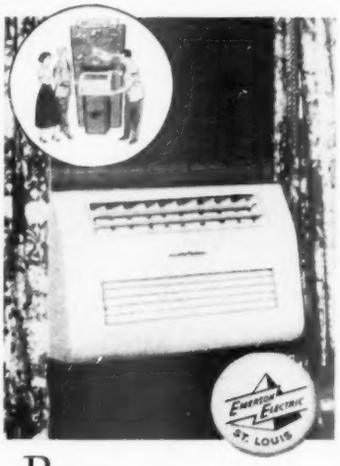
Aren't we losing something? For any faith (either in religion or in freedom) can endure only so long as it honors its martyrs, respects its symbols, and remembers its creed. Small wonder that those who would destroy our freedom begin by mocking its symbols and creed as "flag-waving Fourth of July oratory." Yet, if we heed that mockery, forget our past, and dishonor that litany of freedom which meant so much (as my grandmother remembered) to General Washington's earnest veterans, what can America hope to become, other than a formless mob, shambling listlessly after pleasure on what was once honored as "Independence Day?"

For the men who fought under that earliest general (who now looks out at us from Gilbert Stuart's portrait—keen-eyed, stern of jaw, and firm of mouth), The Declaration was freedom's holy litany, and Independence Day as solemn a time as Good Friday or Easter.

Dare we let them mean less?

"That's not a rock; it's a meteorite."

Buy this one with Confidence!



Buying a room air conditioner? Unless you are an expert, better not trust to chance.

Buy the Emerson-Electric DeLuxe Room Air Conditioner with confidence. It is backed by a 64-year reputation for top-quality electric fans, the fans with the 5-Year Factory-to-User Guarantee. It is made by a pioneer in the manufacture of refrigeration motors.

Here are advantages you will enjoy with an Emerson-Electric DeLuxe Room Air Conditioner:

- **EVENAIRE,** wall-to-wall cooling, without drafts
- **Comfort Control Dial**—eight services at your fingertips
- **Uniform Temperature**—automatic thermostat guards your comfort
- **Finish**—beautiful antique ivory, blends with furnishings
- **5-Year Warranty**

For complete information see them today at your Retailer or write for Brochure No. RC53.

THE EMERSON ELECTRIC MFG. CO.
St. Louis 21, Mo.

The Leading Name in Comfort Cooling Since 1890

First for Comfort!

EMERSON ELECTRIC DeLuxe ROOM AIR CONDITIONER

No silver lining

Of all the signs of deep dismay
Displayed on windy, rainy day,
The dismallest, without a doubt—
A bright umbrella, inside out.
—*Arthur Frederic Otis*

It's amazing how easily you can keep drain pipes clean with King-Of-All . . . quality makes the difference and it costs only a few cents a month!

There is no doubt about it – clean drains mean – no muck for sewer germs to breed in – no offensive odors – no lost time due to sluggish drains. King-Of-All is harmless to septic tanks.

King Of All KLEENERS

Get it at your hardware, grocery or plumbing supply store—today!

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Whatever Your Watering-Need your Best Tool is in

the ALLENCO line

SOAKONTROL Automatically Shuts-Off Sprinkler when moisture soaks to desired depth. New! Nothing like it! Low priced!

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W. D. ALLEN Manufacturing Co.

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Also FIRST in FIRE PROTECTION Equipment

Burpee GIANT Pansies 75¢ PKT. 10¢

Sow Seeds This Summer for largest blooms early next spring--up to 4 in. across. *All best colors mixed.* Special, to try--a 75c Packet, with easy directions, postpaid for only 10c. **Send dime today!**

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253 Burpee Building—*at nearest city:* Phila. 32, Pa. *or* Clinton, Iowa *or* Riverside, Calif.

BEWARE-Insect Bites!

MAY CAUSE INFECTION AS WELL AS TORMENT

Neglected bites from non-poisonous insects may cause dangerous infection. OIL-O-SOL soothes, comforts, cools, eases pain.

MOSSO'S OIL-O-SOL AT YOUR DRUGGIST

Personal help

Begins on page 137

Peoria—Cohen Furniture Co.

Indiana
Fort Wayne—Wolf & Dessauer Co.
South Bend—Robertson Bros.

Iowa
Cedar Rapids—Smulekoff's
Des Moines—Younkers
Sioux City—T. S. Martin Co.

Kansas
Topeka—Bomgardner's
Wichita—Hinkel's

Kentucky
Louisville—The Stewart Dry Goods Co.

Louisiana
New Orleans—Maison Blanche

Maine
Lewiston—Peck's

Maryland
Silver Spring—The Hecht Co.

Massachusetts
Boston—Jordan Marsh Co.
Springfield—Forbes & Wallace

Michigan
Detroit—The J. L. Hudson Co
Grand Rapids—Wurzburg's
Lansing—J. W. Knapp Co.

Minnesota
St. Paul—Schuneman's

Mississippi
Jackson—Kennington's

Missouri
Kansas City—Mehornay's
Springfield—Heer's, Inc.

Nebraska
Lincoln—Gold & Co.
Omaha—Orchard & Wilhelm

New Jersey
North Hackensack—Huffman & Boyle
Newark—Kresge • Newark

New Mexico
Albuquerque—American Furniture Co.

New York
Albany—W. M. Whitney Co.
New York—Gimbels
*New York—The Franklin Society, Federal Savings & Loan Assn.
Poughkeepsie—Wallace's
Rochester—McCurdy's
Schenectady—Wallace's
Utica—Ribyat Furniture Co.

Ohio
Akron—The M. O'Neil Co.
Cincinnati—The H. & S. Pogue Company
Cleveland—The Higbee Co.
Columbus—F. & R. Lazarus Co.
Dayton—The Rike-Kumler Co.
Springfield—People's Outfitting Co.
Toledo—Lamson's

Oklahoma
Enid—Long-Bell Lumber Co.
Oklahoma City—OK Furniture Co.
Tulsa—Dickason-Goodman

Pennsylvania
Erie—Erie Dry Goods Co.
Harrisburg—Pomeroy's, Inc.
Philadelphia—Gimbels
Pittsburgh—Joseph Horne Co.

South Carolina
Columbia—Devine Street Furniture House
Greenville—Mayfield's, Inc.

[*Turn to next page*

TAKE THE BUGS out of your summer

THE EASY Black Leaf WAY

Lawn insects curl up and die when you sprinkle granular Black Leaf Dieldrin over the turf. It penetrates quickly to the soil to kill ants, lawn moths, Japanese beetles, chinch bugs, pillbugs, crickets, grasshoppers, chiggers, ticks and wireworms. Good for the grass, makes outdoor living more pleasant. Powerful, long-lasting, economical.

The ideal liquid killer of lawn insects is 45% Black Leaf Chlordane. Spread it by sprinkling can or sprayer for effective, lasting control of grubs, webworms, wireworms, ticks and chiggers. Excellent also against termites, ants, spiders and centipedes.

Garden plants thrive when you clean out the bugs!

Flowers, fruits, vegetables and shrubs produce more abundant and beautiful growth with safe, sure Black Leaf protection.

Black Leaf 40® is the ideal "contact" killer for aphids, thrips and other sucking insects. Works well in hot weather, spares helpful "ladybird" beetles.

Black Leaf Malathion kills mites that turn foliage brown in hot weather. Also controls mealy-bugs, crawling scales, leafhoppers and other pests.

Black Leaf CPR kills insects on blooms before you pick them. Fast-acting aerosol, leaves no unsightly residue.

SURE STOPPERS for household insects!

Black Leaf Pyrenone Aerosol gives quick control of flies, mosquitoes, silverfish, clothes moths. Contains no DDT. For low-cost kill, use *Black Leaf 11-36* Aerosol with regular DDT formula.

Black Leaf Fly Spray gives all-around reliable kill of household insects. Ideal for hand spraying in homes, camps and on animals.

Always look for the "Black Leaf"® on the red and white package!

Mrs. Robert C. Abbott, 7112 Mayfield Ave., Madeira, Ohio

"It's wonderful the way you can use scouring powder and a brush on Scrubable-Flat."

"Better Buys by *Kyanize*"

See your local Kyanize dealer for seasonal "Better-Buys by Kyanize," get more value for your paint dollar! Consult your Classified Telephone Directory under "Paint" to find your Kyanize dealer's name.

KYANIZE PAINTS, INC.
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Personal help

Continued from preceding page

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Huron—Fullerton Furniture Co.
Sioux Falls—Johnson Furniture Co.

Tennessee
Memphis—Goldsmith's

Texas
Amarillo—The Cosmopolitan Inc.
Austin—Calcasieu Lumber Co.
Corpus Christi—Lichtensteins
El Paso—American Furniture Co.
McAllen—Jones & Jones
Victoria—Kamin Furniture

Utah
Salt Lake City—South East Furniture Co.

Vermont
Burlington—Thomas O'Halloran & Son

Virginia
Arlington County—The Hecht Co.
Richmond—Miller & Rhoads

Washington
Aberdeen—Kaufman-Scroggs Co.
Longview—Hinton's Furniture
Omak—Hinton Furniture Co.
Seattle—The Bon Marche
Spokane—The Crescent

Wisconsin
Milwaukee—Gimbels

British Columbia
Vancouver and West Vancouver—Woodward Stores, Ltd.
New Westminster—Woodward Stores, Ltd.

Ontario
Toronto—The T. Eaton Co., Ltd. (College St.)

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Montreal—The T. Eaton Co., Ltd.

*Offer advice on home planning and financing; do not offer help with decorating or furnishing.

VANiSH cleans toilet bowls fast, scents the bathroom with a fresh, enjoyable aroma. Simply pour VANiSH into bowl. Bubbling "scrubbing action" removes rings, stains, and unseen, germ-laden scum. Harmless to plumbing and septic tanks. Use it regularly. You'll like the handy Expellid Opener.

the fragrant way to clean Toilet Bowls

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makers of ELF drain opener

FLIES Burn You Up?

Guaranteed by Good Housekeeping

Then it's time you get BIG STINKY Outdoor Fly Traps

You can free yourself of filth-laden flies this summer—draw them away from living and play areas. Big Stinky actually lures, traps, kills flies gallon after gallon—they can't escape—can't survive to become resistant to Big Stinky's lure.

GET BIG STINKY for healthier living. Only $4.95 in gallon size with season's supply of Control Fluid.

Also economy models — Little Stinky and Wee Stinky and refills of Control Fluid or Powder at your dealer's.

Famous **Sunbeam HEDGE TRIMMER**

- POWERFUL
- HIGH-SPEED
- LIGHT-WEIGHT
- EASY TO HANDLE

FASTER, EASIER WAY
to trim Hedges, Shrubs, Ornamental Trees . . . Cut Weeds, Grasses, etc.

Saves time, gives professional results without arm-aching drudgery. Simple to operate. Well balanced for one-hand operation. Perfect for side trimming and shaping. Exclusive slip clutch assembly prevents damage to blades or gears when cutter strikes wire or woven fence. Powerful, cool-running motor inside the easy-grip handle. A precision instrument in every detail. Another famous labor saver by the makers of Sunbeam electric appliances and Sunbeam Rain King sprinklers. **$48.75 (Colorado and West $48.95).**

So light, a woman can easily use it!

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It is impossible to list in the magazine itself sources of each and every item mentioned or illustrated.

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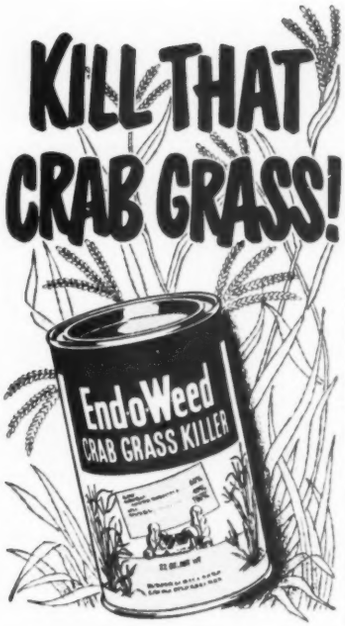

End-o-Weed
CRAB GRASS KILLER

The easy, proved way to end your crab grass troubles. Just add to water and sprinkle it on affected areas. Kills chickweed, too. Clean, odorless, non-poisonous and won't permanently harm your regular lawn grass.

No need to have a shelfful of pest remedies! All-purpose End-o-Pest is a 3-way dust that protects against most chewing and sucking insects —fungus diseases. Safe for flowers and vegetables. Ready to use in handy dust gun. Also 2-lb. bags.

BY THE MAKERS OF VIGORO

Have you heard the

Latest Garden News?

By Dr. R. Milton Carleton

Weed killer rescues fruit crop

A new use for that potent weed killer, 2,4,5-T, has been discovered by the University of California's Davis Research Station.

A weak solution was sprayed on apricot trees after a late freeze had apparently doomed the crop. Those trees lost less than $1\frac{1}{2}$ percent of their fruit, while unsprayed trees in the same orchard lost all of theirs. Fruit on test trees was not 100 percent normal, but was good enough for canning.

Caution: Don't try this on your trees, because any but weakest solution of 2,4,5-T, under rigid controls, might kill them.

Spray cuts pruning time

At long last, a commercial chemical preparation to "prune" hedges has been developed. It includes maleic hydrazide, a growth regulator.

Test hedge plants sprayed with the material produced less than one shoot for each square foot of top area, and these were only an inch long. Unsprayed portions of the same hedge produced up to 40 shoots a square foot, 12 to 15 inches long.

A single spray is believed to last for about two months, which should eliminate much hedge-trimming labor.

A mile of tulips

America's most comprehensive collection of tulips, narcissus, hyacinths, and other bulbs is being developed at Kingwood Center in Mansfield, Ohio.

Dr. R. C. Allen, former secretary of the American Rose Society, is director of the project. He recently showed me the extensive plans being made.

One of the main features will be a mile-long walk, bordered by masses of tulips. Already, millions of daffodils are growing in the woods of Kingwood Center. The development, when complete, is expected to rival the famous Keukenhof Estate in Holland.

How plant quarantine protects

When Uncle Sam tells plant importers "free of sand, soil, or earth," he means it. The Bureau of Plant Quarantine insists that plants coming into this country be absolutely clean.

Recently, I checked a shipment of azaleas denied entry. Only a few grains of sand and peat clung to roots, but the entire shipment was rejected. Without plant inspectors at ports of entry, we'd soon import many of the world's worst plant insects and diseases.

STOP WASTING FIREPLACE HEAT

build around

HEATFORM

The Superior Heat Circulating Fireplace Unit

- HEATFORM air chambers around the firebox and dome capture and circulate to the home a large volume of heat lost up the chimney by the old-fashioned fireplace.
- HEATFORM prevents construction mistakes often resulting in smoke trouble. It is a perfect form to guide the masonry walls (hearth to flue) to complete any design fireplace.
- HEATFORM fireplaces cost but little more. The unit consists of firebox, throat, dome, and damper, replacing some materials and labor necessary to build the ordinary fireplace.
- HEATFORM has all the good qualities of any heat circulating fireplace unit, plus these exclusive features:

– Die-formed ribbed re-inforced firebox
– Contact of air to all heating surfaces
– More heating area per size unit
– Greater air circulation and more heat
– No exposed metal beneath chimney to rust out

The above fireplace is built around Model "A" unit. Side cool-air inlets and front warm-air outlet were used for greater heating efficiency and economy of installation. Side warm-air outlets may be used, if preferred.

The above modern corner fireplace built around Model "S" (at right) affords view of fire from front and either side. If you prefer view of fire from front and both sides, use Model "M".

Write for name of nearest dealer and FREE brochure giving complete information.

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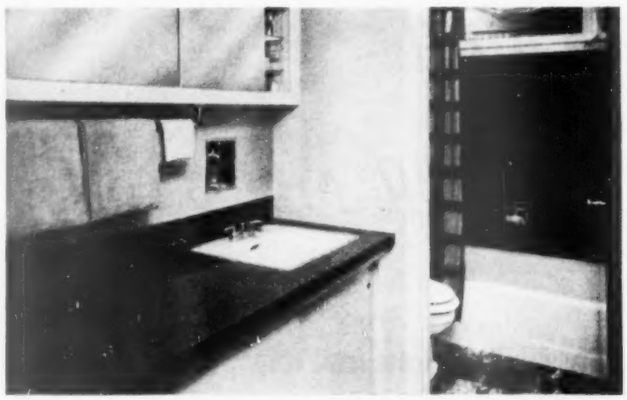
Just what is a good house?

Continued from page 136



Closets separate this dressing room and bath from parents' bedroom (see plan).

Cabinets below the lavatory and laminated-plastic counter store linens. Toiletries are in mirrored cupboards above.

Service area skillfully uses limited space

Carport-to-kitchen: Step from your car, and just inside the door you can sort cooking, laundry supplies, whisk them into special pantry cupboards.

Pantry backs up working side of kitchen, shielding area from street view. Breakfast bar is attached to wall.

Kitchen work area: U-shaped arrangement makes the most of small space. The cabinets are birch in a permanent finish; counter tops are indestructible wood-grained plastic. Big maple block is good for generations of cutting.

Cabinets stop well short of high, sloping ceiling for light, spaciousness, added interest.

Pantry wall hides cleaning and cooking operations from kitchen eating area.

Auxiliary storage: Though it's small (the kitchen and utility room combined are less than 200 square feet), the area is planned for a family with big storage-space requirements.

Here are cabinets, drawers, and counter space for all your overflow, daily tableware, and special-occasion linens.

Floors in all working areas are of rubber tile.

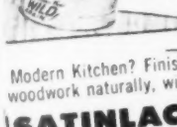
How to get plans for this house, next page

DO-IT-YOURSELF WITH THESE WIZARDS WITH WOOD

Modern Furniture? Get a blond or pickled effect with

WHITE FIRZITE®

Produces magical "woodsy" effects on any wood. For pastel tones, simply tint with colors-in-oil. For a smooth even finish on fir plywood stain jobs, use Clear Firzite to tame the wild grain.



Modern Kitchen? Finish woodwork naturally, with

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Brings out and preserves the full beauty of the natural wood grain and color. Won't darken, won't "yellow". Easy to apply, with real professional results.

Old-fashioned craftsmanship? Glue it with

WELDWOOD Plastic Resin GLUE®

Bonds wood surfaces together to stay! Makes joints stronger than the wood itself. Easy to use; clean working (doesn't stain); highly water resistant. America's largest selling wood glue—ask any "pro" why!

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At hardware, paint, lumber dealers in various sizes. Write for helpful leaflets. Dept. B-7

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Home cement repair and building jobs made easy. Sakrete comes in 3 balanced formulas—concrete mix, sand mix, mortar mix—to give a professional job quickly, economically. Get it at hardware or building supply stores.

Send 10c for 44-Page Book

Page after page of pictures and instructions for patching walks, laying bricks or flagstones, setting posts, fixing cracks in walls, floors, etc. Address: Sakrete, Inc., P. O. Box 11-J, Cincinnati 17, Ohio.

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Protect your children against playtime dangers. Safeguard your property against trespassers. Have a sturdy Page Chain Link Fence erected. It can be F.H.A. financed. Write now for booklet **DH-406** which illustrates and describes several styles. With it we will send name of expert Page Fence erecting firm near you. Write:

PAGE FENCE ASSOCIATION • Monessen, Pa.

easy to kill

flies, mosquitos

this new miracle way

Now you can kill such insect pests as flies, mosquitos, gnats, spiders, wasps, silverfish, flying moths and exposed roaches and ants. With Bug-Kil, one single treatment kills them . . . lasts up to two weeks. No other equipment needed. Use it again and again . . . for years. No stains—no strong odors.

Introductory Offer **$2.98** *with two months supply pellets*

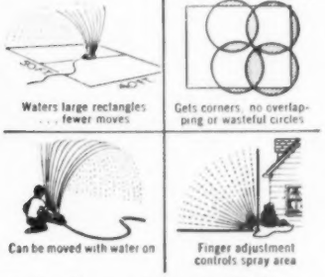
At Hardware, Drug and Dept. Stores Or write Lindavap Corp., Box 638, Ann Arbor, Michigan.

METCO Wave SPRINKLERS

"NEXT BEST THING TO RAIN"

Model J Bonderized steel frame, baked enamel finish (illustrated) **$11.95**

Larger Models at $13.95 and $22.95



Better for your lawn—Easier for you

The slow back-and-forth motion of this new and better sprinkler gives the water time to soak in—no puddles or runoff. This deeper penetration means stronger roots and better lawns. Ruggedly built of finest materials to last a lifetime.

Metallizing Engineering Co., Inc., Long Island City 1, N. Y.

AT HARDWARE AND GARDEN STORES EVERYWHERE

How to get plans for this house

Better Homes & Gardens Five Star Home No. 2407 (about which you've just read) is one of a series of one- to four-bedroom homes published each month which make up our Five Star Home Plan Service. This service—through which you can purchase complete plans for the home of your dreams—includes the following points:

★ **Designs by America's foremost architects,** ranging in style from Cape Cod to Contemporary, and all planned to give you maximum comfort, convenience, and beauty for your dollar.

★ **Detailed working drawings,** from which your builder will erect your home, are complete in every way. The cost is *$7.50 per set* (slightly higher in Canada), plus state sales tax, including . . .

★ **Complete specifications** which outline quality of materials and workmanship that will assure sound construction; and . . .

★ **Builder-owner agreement,** a suggested legal contract which will insure that your home is built as specified.

★ **Cost-finding list of materials** is available for an additional *15 cents*. With this list, your builder or building-materials dealer can compute in advance the cost of your new home.

These Five Star Home plans may be ordered from the firms you'll find listed on page 137 of this issue. In many localities, you can order these plans through your building-materials dealer. Or, you can buy them direct from *Better Homes & Gardens*, 1714 Locust Street, Des Moines 3, Iowa.

From the wreckage, safer cars!

Begins on page 66

scurry to an automobile, piled against a tree 15 feet into the weeds.

Seconds earlier, they'd seen the car skid, then jerk wildly off the road as the driver slammed on his brakes.

They lift him out and inspect his injuries closely. They find his left knee fractured and his nose broken. There's a deep cut in his forehead. He's unconscious.

An ambulance arrives, and while first aid is given, the troopers fill out their usual accident forms, describing the crash and listing the apparent injuries. Meanwhile, the injured man is driven off to the hospital.

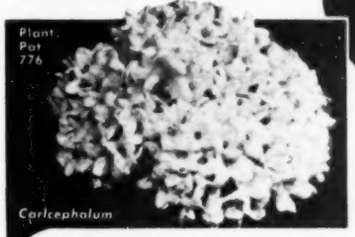
A police report on an auto-accident case is usually closed at this point. But for the Maryland state troopers, the case is wide open. Their close inspection of the victim's injuries was made because they are key members of the new Crash Injury Research project.

Now they turn to a meticulous

Wayside Gardens

TOMORROW'S FLOWERS . . . TODAY

When we say TOMORROW'S FLOWERS . . . TODAY, we are not boasting. Our world famous catalog features horticulture's newest and finest. Gardeners everywhere depend on Wayside for the brand new, rigidly tested, quality introductions that are destined to become America's favorites of the future.



New Mid-Century Hybrid Lilies. Absolutely hardy—grow and multiply freely anywhere. Superb mixture in vibrant colors. Huge flowers have a glowing inner radiance.

Viburnum, Carlcephalum. New fragrant Snowball. Modern version of a popular favorite. Originated in England and introduced exclusively by Wayside, it is the best shrub offered in 50 years. Lovely 6" clusters of very fragrant white flowers bloom lavishly on graceful 6 ft. plants. Hardy at below zero temperatures.

"Weather-proof Daffodils". Wayside's exquisite new varieties are causing a sensation everywhere. Gardeners are enthusiastic about their rare beauty, amazing rate of increase, and resistance to wind, rain and burning sun. The opinion is unanimous—they are unquestionably the finest ever created.

Dicentra, Bountiful. Hardy, new "Bleeding Heart" blooms continuously all summer. Reaches its peak in May and again in fall when it bears 30 to 40 stalks of fuchsia-red flowers. Handsome dark green foliage.

TULIPS

No other nursery in this country imports as many new and choice, exhibition size tulips as Wayside. Be sure to plant some this fall. Your neighbors will be green with envy when these colorful giants beautify your garden next spring.

SEND FOR THE WORLD'S FINEST HORTICULTURAL BOOK-CATALOG

No other nursery catalog in America can match Wayside's complete selection of outstanding new shrubs, roses, rare bulbs and "Pedigreed" plants. Almost 130 pages, with hundreds of the most accurate color illustrations of the world's finest garden subjects—many of which are grown only at Wayside. Helpful cultural directions for every item. To be sure you get your copy, please enclose with your request 50c, coin or stamps, for postage and handling costs.

Wayside Gardens
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Easy Come . . . Easy Go

. . . with a BILCO Door. Insist on it for your new home. Makes the basement useful. Saves tracking through upper rooms. Permits storage of bulky articles. All steel, permanent, weathertight. The perfect replacement for your worn-out wood hatchway.

Bilco

See your building supply dealer or write to THE BILCO CO. Dept. B1 New Haven, Conn.

AMERICA'S FINEST BASEMENT DOOR

Little Brown Jug . . .
I Love Thee

Sing out For a

LITTLE BROWN JUG

COLDER LONGER!
HOTTER LONGER!

Only Little Brown Jugs have so many practical features. Easy-to-clean, AR* white porcelain interiors . . . "Tempseal" stoppers that let faucet or spout flow freely . . . Lustrous baked enamel finish.

*Acid Resistant

LITTLE BROWN CHESTS

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HEMP AND COMPANY, INCORPORATED
Producers of Quality Metal Products for 91 Years
1954 MURRAY STREET • MACOMB, ILLINOIS

From the wreckage, safer cars!

Continued from preceding page

search for the exact objects inside the motorist's car that inflicted each of his injuries.

They suspect that the forehead cut was made by the sun-visor attachment fitting. They look for blood on the fitting. It checks. The driver's nose was broken against the windshield frame, and the glass is cracked where his face struck it. His knee injury is traced to the parking-brake handle.

Troopers take photographs

The troopers take interior and exterior photographs of the car from several angles, to record the amount of damage and illustrate the injury-producing objects. Then they note their findings on a simple but fact-loaded form.

For them now, the case of the Baltimore drivers is closed. But for the purposes of the C.I.R. project, it is still just beginning. Later in the day, at the hospital, the attending physician has completed his examination of the injured Baltimore motorist and is filling out a special medical form. He notes: "Compound comminuted fracture, left temporal and orbital bones, with displacement. Severe concussion." He is equally precise in describing the nose and knee injuries.

Both the troopers' and doctor's reports are now forwarded to Cornell University Medical College in New York City, the nerve center of the project. There they will be analyzed with hundreds of other reports coming out of similar investigations in North Carolina, Virginia, and Indiana, and soon starting in Connecticut.

The concept of crash-injury research originated at Cornell, where it was first applied to airplane accidents. A 12-year study directed by a Cornell research associate, Hugh De Haven, resulted in design changes in aircraft now credited with having saved many lives.

Not long ago, Cornell Medical College offered the experience of its medical and aviation analysts to an interstate study of auto-crash injuries. From a study of fatal rural accidents by the Indiana State Police, it appeared that in almost half the accidents, the cars had been moving *less than 40 miles an hour*. The National Safety Council's statistics for one year were even more surprising: As many as 87 percent of injured motorists had been driving at 40 or less.

But, before changes that would save lives could be made in automobiles, it would be necessary to find out exactly what was dangerous about them. The causes of all types of injuries would have to be discovered first. And the accidents in which they occurred should reflect the varied road and traffic conditions that are found across our nation.

Highways are laboratories

In order to get a large volume of data, the cooperation of other state authorities was sought, and they agreed to make their highways on-the-spot laboratories in this life-saving effort.

Because of the vision of the Armed Forces group, auto-crash-injury studies are now in full swing. They are being followed with keen interest by automakers, safety organizations, casualty groups, public health authorities, and doctors.

De Haven is confident that wide participation will guarantee success. "Automotive engineers," he says, "have never had crash-injury data to show them which features of design are dangerous and which features provide protection."

At a preliminary meeting attended by representatives of leading manufacturers, the automotive engineers, for example, pointed out that the industry is aware that despite continuing efforts to perfect a foolproof door latch, some car doors still pop open under the impact of crashes, allowing occupants to be spilled out. But, before a lot of money is spent in useless guessing, they want to know *which types* of latch fail, *how often*, and *under what conditions*.

De Haven says that specific information on this and other troublesome points will soon be available. "With it, auto manufacturers will have factual data which will guide them in producing optimum results."

Reports examined daily

The men at Cornell who are shaping up this information examine an unrelenting flow of reports each day as they are forwarded from the states. Operating out of modest quarters in an atmosphere of quiet earnestness, they long ago lost their squeamishness over photographs of auto-accident victims. They're by no means insensitive to the pain and suffering they're probing, but they understand the necessity of taking an unemotional, clinical approach to their daily study of highway tragedies.

To see how they operate, let us watch them review an accident that took place not long ago in North Carolina. Project Administrator John O. Moore is scanning reports submitted by Carolina state troopers and a hospital emergency-ward doctor.

"We often see cases of this type," Moore says. "Look here—two men and a woman in the front seat. They were driving into Greensboro along a country road, doing about 45. A small truck pulled out of a blind lane. The driver hit his brakes, but all he could do was slow down a little before he rammed the truck broadside. Estimated impact speed—about 35 miles an hour.

"Here are three people sitting side by side in the same car—in the same accident. Let's see what happened to each of them."

Moore cites case

Moore points to the reports on his desk. They tell a not uncommon story:

The driver was killed and the woman seated beside him was seriously injured, but the man on the far right escaped with only a bump on the forehead.

"You've probably seen similar

Lighten work on outside jobs...

Pointers on painting exterior walls: make sure surface is dry and temperature between 55° and 90°. Remove loose paint with scraper or wire brush. Fill cracks and holes. Dust thoroughly. Select brush 3" to 5" wide and always . . . .

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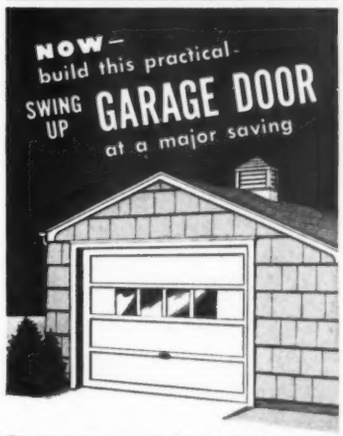

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accidents yourself," Moore says. "Most people say, 'The fellow who got out with a bump was lucky, but the driver's luck ran out.' We have all said that at one time or another.

"But, those troopers in North Carolina and in the other states don't go along with talk about luck. They agree with medical researchers that the causes of death and injury must be labeled more accurately. So they dug into this case and found out exactly what killed one person, hurt another badly, and spared a third.

"When the car hit the truck, the force of the impact threw the driver against the steering wheel, crushing his chest. The woman in the middle was thrown forward and one of her knees was smashed. In addition, she sustained a moderate concussion as her head hit the windshield divider.

"How did the third occupant get off with only a bump on his forehead? The troopers figured that one out fast as soon as they noticed a characteristic depression in the dashboard panel directly in front of his seat. Fortunately, this section of the dash was made of light-gauge metal. When the man's head hit the panel, the energy of the blow was absorbed by the bending of the metal.

"The best way to understand that is to imagine a man being hit on the head with the flat side of an empty 5-gallon can. He couldn't be seriously hurt with a 'safe' object like that. The can would just be dented. But, if the can were filled with water that was then frozen, he would have been badly injured."

On the desk of another member of the C.I.R. project, Field Representative Robert M. Tracy, is a huge stack of auto-damage and medical forms. These forms took three years to perfect and are now building up a storehouse of vital information.

What forms include

"They include information on 19 objects in the interior of our automobiles that we suspect are the most frequent causes of injury," Tracy says. "There are outline sketches of the human body, one for each seat in the car. The troopers note the causes of injury by tagging these sketches with numbers selected from the check list. Every important bit of damage, both human and automotive, is recorded on the forms."

The forms eventually reach C.I.R.'s analysis and coding section, overseen by Chief Analyst Boris Tourin, who has spent many months developing a code that will rapidly make any desired selection from the mass of accident-injury data being accumulated in decks of IBM punch cards.

"In this way, we can spot injury trends well before the last case has been tallied," Tourin says. "But at the same time, we're not hurrying to conclusions. If we get five accidents in succession in which steering wheels were forced back into drivers' chests, we don't automatically assume that all steering wheels must be redesigned. These are clues, but clues aren't enough. We

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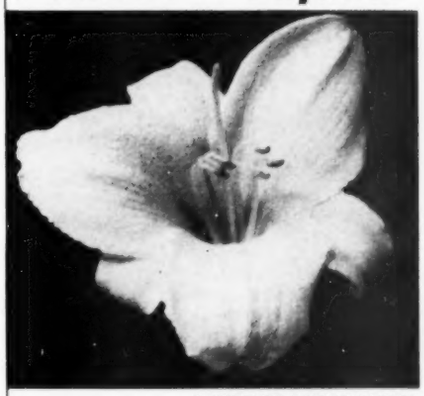

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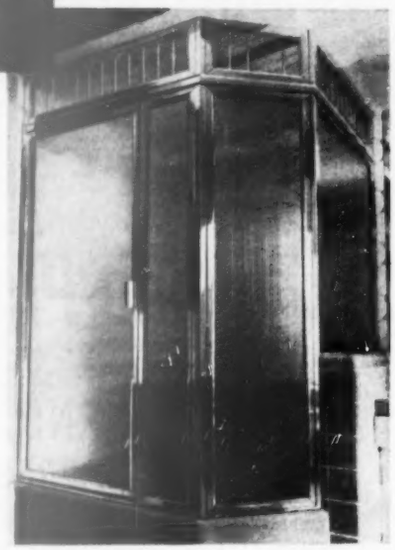

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Mississippi Pluralite pattern in attractive tub enclosure. Photo courtesy, Shower Doors, Inc., University City, Mo.

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Continued from preceding page

are using the statistical approach in order to produce information that will be reliable."

Meanwhile, the researchers are well aware that the pressure for quick answers is intense. The interest of the Armed Forces is an example. The toll of crash injuries among military personnel is shocking. The Navy's Bureau of Medical Statistics found that passenger cars were more costly to Navy men and Marines during 1952 than the Korean war. The amount of sick-list time was greater for auto injuries than for battle casualties. Such facts indicate the urgent nature of the program.

While the investigators refuse to issue sensationalized accounts of findings in selected cases, they will be surprised if certain already indicated trends are reversed over the long route.

Head most vulnerable

When you sustain a dangerous injury in an automobile accident, there is a greater-than-50-percent chance that it will be to the head.

Another is the high frequency of facial injuries from smashed windshields. An unresolved question is whether the glass should be designed to pop out under a force just weaker than would fracture the skull. For pop-out windshields might allow occupants to be thrown out of a car, and that can be gravely dangerous, too. Current thinking centers around the possibility of a glass that on impact would first "bend," then "give" by degrees before finally pulling loose.

Some steering wheels seem to afford protection. Others apparently set up dangers in some accidents. What may be needed is a chest-contoured wheel that will provide broadly distributed support under severe loads.

When repeated evidence convicts any item as dangerous, the military backers of the project are eager for auto manufacturers to receive the data. State groups are moving as swiftly as they can, for they know that after the chief causes of injuries are established, the auto industry will still need additional time to get redesigned parts included in automobiles.

The human factor

But, while the search goes on, accidents and their injuries will continue, too. De Haven states:

"Our program recognizes that as long as there are human factors in the equation, there will be accidents. We assume that carelessness, foolishness, recklessness, fatigue, inexperience, intoxication, and stupidity cannot be completely eliminated from our highways."

Since this is the situation, exposure to excessive injuries will continue to be commonplace. Here, then, are some suggestions that, perhaps tomorrow, can lessen your injury or even save your life or that of a loved one:

1. Don't be lulled merely be-

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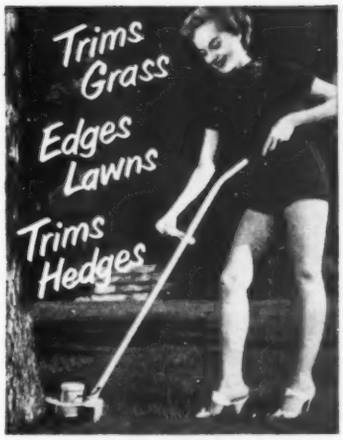

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cause you may be driving at a low speed. Slamming on the brakes at 20 miles an hour will propel a body forward sharply, according to tests conducted by the U. S. Bureau of Public Roads. At 20, it was found, the brakes can counter the forward motion of the wheels even more abruptly than at 60.

2. Keep your rear-window ledge clear of heavy or pointed objects. In a crash or sudden stop, they can fly off and injure.

3. Check the tightness of your front-seat bolts. If torn loose, the seat will contribute somewhat to the impact force behind the body as it is catapulted forward.

4. Check the rear seat. It should fit snugly, and the rear back rest should be anchored firmly. They, too, are dangerous if they fly loose.

5. Children should ride in the back seat. There they will at least be out of the immediate vicinity of knobs or unyielding objects more often found in front.

6. If you're using a set of safety belts (which Cornell people recommend strongly), anchor them to the car frame. If the belts are fastened to the seat, they can pull it free in a crash. Attached to the frame, they will hold you in place. Stunt drivers, incidentally, use safety belts and crack their cars up regularly without injury.

In the meantime, state troopers and Cornell researchers are working toward the day when more people will survive and walk away unscathed from auto accidents.

Your pet and mine

Begins on page 130

A friend of mine breeds collies and says they are the most-popular breed of dog there is. Others say this is not so. Are there any official classifications of the popularity of the various breeds?—Miss A. J. Mc., Indiana.

The registrations in the American Kennel Club are accepted as the true guide of "dog popularity." Beagle hounds are in first place, cocker spaniels second, boxers third, dachshunds fourth, collies fifth.

I read that some hamsters are fierce and vicious. From time to time, you speak of these as ideal pets for children. Please explain.—Mrs. R. W. W., Wisconsin.

There are several species. The "fierce" ones stem from Germany, where the word "hamster" means hoarder. They are bred chiefly for meat and their thick, luxuriant fur. They grow to a size of 12 to 14 inches. The ones commonly sold for pets in this country are the "golden Syrians," which come from Greece and the south of Europe. They are much smaller than their German cousins, are quite docile and very affectionate, so they would make good pets.

▶ Have you a problem in pet feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Pet and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

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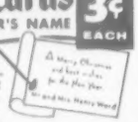

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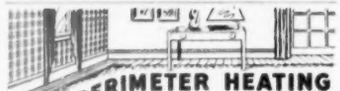

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The leading hot water baseboard heating. For new homes or old. Folder on request to Dept. BH-7, Warren Webster and Company, Camden 5, N. J.

Webster
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- We ship within 3 days
- Money-back guarantee

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fits any mailbox

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up to 15 letters & numbers top line, 5 on lower

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147 Spear Bldg., Colorado Springs, Colo.

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FITS ANY BULB IN ANY POSITION

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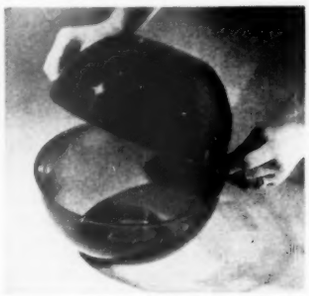
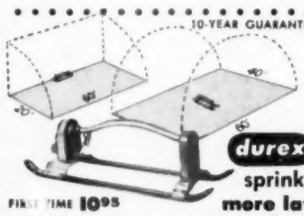
with Better Homes & Gardens



You can really toss a salad when you use this double bowl. Fit the two halves together to make a giant tumbling globe. Translucent green polystyrene bowl is 10" in diameter. *Sala Tossa*, $2.95, ppd. Order from Ett-Barr Co., 2251 YM Lincoln Ave., Altadena, Calif.

Get your trip maps out where you can reach them easily. Sectional map case holds the incidentals, too, as pockets will expand to take cigarettes, tissues, glasses. Hooks on back of seat so maps hang between driver and passenger. Compact map pocket is plastic, with bound seams, measures 14"x17". *Car-Pak*, $1.50. Order from Elron Products, 219 W. Chicago Ave., Chicago 10, Ill.

Hanker after a new touch of smartness for your table? These Swedish pieces have an ultramodern feel to their primitive design. Hand-carved, bright red, blue, green, or yellow with white pattern. Spoon has a delicately curved handle. Large bowl measures 6" across. Three-piece *Swedish Sideboard Set*, $6. ppd. Order from Swedish Gift Shop, 98 S. 11th St., Minneapolis 3, Minn.



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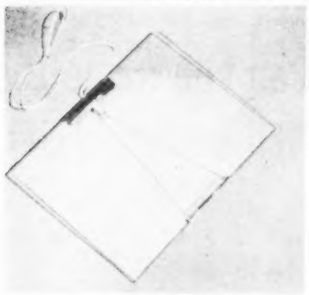
Man-Friday beach towel is husky terry cloth. Comfortable, bouncy pillow is stuffed with shredded rubber. Concealed pocket is waterproof-lined to hold make-up and sunglasses. Towel is 3′x5′, rolls up and ties for carrying. *Beach Pad*, $5.95, ppd. Order from Susan Smith Co., Carpentersville, Ill.

Let's admit it—some babies have everything. But there aren't many new mothers who wouldn't like little Jimmy or June to dress for dinner in this "magic skin" bib. It's waterproof; there's a crumb catcher, too. White, blue, pink, or maize, with name embroidered. *Dinner Bib*, $2 for 3, ppd. Order from Geneva House, 670 N. Michigan Ave., Chicago 11, Ill.



You can quickly hang a heavy picture securely with this adjustable holder. It is used here on a piece of glass so you can see how it looks on both sides. When you use it on a picture, only the thin clamps show in front. The clamps slide on the cord so they can be adjusted to fit a picture up to 36″ high. Choice of stainless steel or Lucite. Picture-hanging *Braquette* (without glass), $1.50, ppd. Order from Mastercraft, 212 Summer St., Boston 10, Mass.

Separating ladle makes it easy to dish up foods cooked in liquid. It also separates fat from lean gravy, simply by letting the separator hold back the fat while the liquid runs out the spout. Polished aluminum *Fat-Off Ladle*, $1, ppd. Order from Harmill Co., 2615 Briggs Ave., New York 58, N.Y.

DOWN COMFORTERS *beautifully* **RE-COVERED**

Once lovely, now shabby down comforters re-covered like new for $11.95 in down-proof taffeta. Women admire Alden's exquisite craftsmanship. ABSOLUTE SATISFACTION GUARANTEED! Also re-covered in down-proof satins and sateens. Wool comforter re-covered too. And heirloom featherbeds transformed into cloud soft de-stemmed feather fluff comforters. Send today for—

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Just place on ash tray and light . . . that's all. Cones burn like incense—invisible vapor penetrates every crack and crevice, destroying **all** exposed insects. No oily sprays—no mechanical gadgets—no after odor—NO WORK! Miracle "Clean House" Anti-Insect Cones kill moths, flies, ants, mosquitoes, gnats, spiders, roaches, silverfish, bedbugs. 14 Cones for $1, postage paid. **Guaranteed to do the job or your money back!** Order direct by mail from

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295 Sunset Building, Hollywood 46, California.

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Make EXTRA MONEY introducing world's cutest Children's Dresses. Big selection latest adorable styles for girls 1 to 14 years . . . *amazing low prices.* Mothers thrilled, *order on sight!* Big, complete style display FREE. Rush name, address NOW.

HARFORD FROCKS, Dept M1 325, Cincinnati 25, Ohio

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Guaranteed by Good Housekeeping

Your Choice of:
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ANY SIZE up to 16 ft. seamless, any length—sizes you can't get elsewhere.
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OLSON RUG CO. Dept. E-18 Chicago 41, Ill.

New Easy Way to
MAKE EXTRA SPARE TIME MONEY!

Take Orders Easily for Exclusive Sell-on-Sight Christmas Cards

Easiest way to make good extra cash in your spare time! Show exquisite "Feature" 21-Card Christmas Assortment to friends, neighbors . . . many order several boxes at low $1.00-a-box price. Make up to 50c profit per box! Show many other fast-selling greeting card assortments, personals, gift items, for big earnings every day.

SEND NO MONEY! Rush name and address on postcard—we'll send actual sample "Feature" Assortment on approval, plus FREE samples exclusive PERSONAL CHRISTMAS CARDS. No experience needed. Write NOW!

WALLACE BROWN, INC., Dept. S-94
225 FIFTH AVENUE • NEW YORK 10, N. Y.

Crushed Ice Without Chipping

NOW! Crushed Ice With a Twist of the Wrist!

One tray..... $1.00 ppd.

Cheers for this flexible polyethylene Ice Chipper Tray that actually freezes Ice CHIPPED . . . 60 thin ice wafers at a time. Slick, easy way to have crushed ice on hand always for seafood, drinks, ice bags. Freeze ahead of time and store for future use. Fits any refrigerator. Order **two for only $1.95 ppd.**

Huss Bros., Dept. 55, 100 W. Chicago Ave.
Chicago 10, Illinois

56 Pages of Outdoor Fireplace Designs and Ideas

A COMPLETE GUIDE you or your builder can easily follow to get **a perfect "fun center" for your family and guests.** Includes "outdoor" recipes and menus, clever cook-nook accessories. Illustrates all-metal fireplace units that simplify correct construction with any masonry. Send only 25c for your copy. **The Majestic Co., Inc., 327 Erie St. Huntington, Indiana.**

***monroe* FOLDING BANQUET TABLES**

If you are on the Kitchen Committee of some Church, Lodge, Club, School, etc., in your town, you will be interested in this modern Folding Banquet Table.

Write for Catalog and special discounts to institutions and organizations.

MONROE CO. 34 CHURCH ST COLFAX IOWA

NEW! KIDDY BUBBLE OUTDOOR FOUNTAIN $3.98 ppd.

Made of non-rust metal and sanitary no tools required. Money back guarantee send check or money order. No C.O.D's. Specify straight or angle faucet.

M. C. SHANNON & CO.
822 James St., Belding, Mich.

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$1 a Yard also custom made drapes

Send for swatches

Send 25c for swatches of all drapery fabrics. Rich shantung weave, $1 a yd., 14 colors. Delicate, durable Nylon-cotton in 23 custom colors, **$1.75 a yd.** All purpose Rayon-cotton in 20 colors, **$1.75 a yd. Custom made drapes, approx. 50c a yd. additional.** Send for complete information.

Carabao Special Products Co. Dept. B27
950 Columbus San Francisco, Calif.

BURN REFUSE SAFELY OUTDOORS

Tilt back hood—pour in refuse—ignite—close and safely burn damp, green, dry, garbage and refuse to fine ash in any weather. Scientific draft design ends neighbor-annoying nuisance and fire hazard of flying ash, sparks, burning blowing bits of paper. Minimizes smoke, smell. Needs no watching. Ends refuse hauling and fire hazards to quickly pay for itself. Sturdily made of RUST-RESISTANT ALUMINUM BONDED TO STEEL. Recommended by Bureaus of Fire Prevention. Over 100,000 satisfied users. Model A—21½″ sq. x 29″ high—2 bu. cap.—$12.95 postpaid ($13.95 W. of Denver). Model B—24″ sq. x 34″ high—3 bu. cap.—$16.95 postpaid ($18.95 W. of Denver). Money back guarantee.

ALSTO COMPANY
Dept. BH-7 4007 Detroit Ave., Cleveland 13, Ohio

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MAKE $25 to $100 OR MORE

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Guaranteed by Good Housekeeping

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FREE! $1.00 Air Freshener For PROMPT ACTION!

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361 Broadway, Dept. B-13
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BIG NEW WHOLESALE CATALOG FREE!
WRITE TODAY FOR FREE CATALOG SEND POSTCARD

***NOW!* Save Up to 50% on Nationally Advertised Gifts**

Use this big, new FREE CATALOG to buy all kinds of gifts and merchandise for yourself, family, friends, neighbors. Terrific saving on big-name items. Also, make money spare time taking orders from others!

EVERGREEN STUDIOS
Dept. 22 Box 846 CHICAGO 42, Ill.

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July, 1954

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Guaranteeing products and services to be "as advertised" has been a continuing policy of *Better Homes & Gardens* since 1926.

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PHOTO BY E. SHAFER

Can you name this well-known breed?

Puppies can fool you. They all start out cute and cuddly—but from then on, anything can happen!

It's embarrassing to think you're getting a small round dog—and then see him turn into a rangy giant! But if you get a pedigree with your dog, you know what to expect. He's "trademarked" as a cocker, or a kerry blue, or a collie.

In fact, that's one of the reasons for trademarks, isn't it? They protect you against the unexpected. You see a familiar brand name, and you know you can take the article home with confidence.

Most manufacturers respect their trademarks because they know that you respect them. Only after a product has proved itself, through careful tests and daily use, will they let it wear an honored brand name. And whenever they can make it better than the next brand, they do so gladly.

This competition is one reason you're sure of finer and finer values from the brands advertised in this magazine. Get to know them well, and then *name* your brand—to better your brand of living!

Oh yes—the puppies in the picture above are Miniature Poodles.

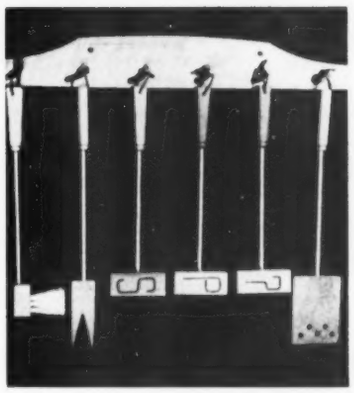
BRAND NAMES FOUNDATION
INCORPORATED
A Non-Profit Educational Foundation
37 West 57 Street, N. Y. 19, N. Y.

A new look for outdoor eating

Begins on page 40

Partying outdoors on a special occasion? Serve the festive cake on this decorated ceramic pedestal plate.

On windy days, instead of candles, you can decorate the cake with tiny toast cups. They have prongs that stick securely into the icing.



Tools for work at the outdoor table are designed to mix a salad and tend a steak in the grand manner.

The butter brush is useful on buns; fork and turner make an impressive pair as salad tossers. Shakers are salt, pepper, and "?" (mystic ingredient used by outdoor chefs).

Keep hot things hot even if there's a cool breeze. Butter pourer stays warm over a candle flame (hot butter helps keep corn tasty, too).

Big, white, ceramic coffeepot rests on a black iron stand over a warming candle.

These baskets are capacious carryalls, designed to help cut down on the footwork. Palm leaf will hold pretzels or pastry. Use the crescent basket as a decorative centerpiece, bulging with fruit.

Basket with three compartments is designed to hold the necessary steak-sauce bottles.

"In our family Dad takes care of the lawn . . . while Mother does the planting and growing"

There are two sides to gardening, and it's strange how often the man of the house gets the *de*structive jobs while the lady of the house gets the *con*structive ones. However the work gets done in your family, here are the products to help you do your share easily, quickly and thoroughly.

WEEDONE®... the original miracle weed killer

Made by the company with most experience in chemical weed-killers. Kills over 100 weeds and woody plants, including dandelions, plantains, poison ivy, honeysuckle and brambles. It contains the butoxy ethanol ester of 2,4-D and 2,4,5-T. No vapor damage to nearby susceptible plants. Does not kill grass. Harmless to people and pets.

8-oz. can $1 1-qt. can $2.75 1-gal. can $6.75

Plastic Weedone Applicator ONLY 59¢

Won't cut or scratch hands. Cap fits any screw-top gallon jug.

WEEDONE CRAB GRASS KILLER

The wonderful potassium cyanate crab grass and chickweed killer

Spray the whole lawn or give it the spot treatment. Crab grass and chickweed disappear, good grasses take over.

6½-oz. can $1 26-oz. can $3 6½-lb. can $8.85

ACP ROSE & FLORAL DUST

USE ACP ROSE & FLORAL DUST FOR 4-WAY PROTECTION—against disease, fungi, insects, mites. It's the simplest way to protect plants against every attacker as it comes—leaf spot, black spot, anthracnose, powdery mildew, rust; aphids, leaf hoppers, rose chafers, spider mites (red spiders), thrips, lace bugs, Japanese beetles, and many others.

8 oz., in handy dust gun, $1 1-lb. canister $1.49; 3-lb. $3.59

GRO-STUF A concentrated liquid fertilizer plus important trace elements for foliage or root feeding

Guaranteed by Good Housekeeping

This is what farmers call a *balanced* fertilizer—a complete 20-20-20 plant food, plus hormones and trace elements. *All* you need to make stuff grow—trees, shrubs, flowers, vegetables, lawns. The 1-lb. can makes enough plant food to treat over 1,000 square feet of garden or over 3,000 square feet of lawn.

5-oz. can 49c 1-lb. can $1.25 4-lb. can $3.75

At your garden supply or hardware store

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THE MAN NEXT DOOR

Wish I could find that book on child psychology that says it's wrong to bring up anything unpleasant at bedtime. I want to find out whether that includes those limburger-and-onion sandwiches my kids sneak upstairs in their pajama pockets.

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According to my midsummer mood, the greatest recent achievement of science is a test to determine the mellowness of *Citrullus vulgaris*, or how to tell when a watermelon is ripe enough to eat. (You squeeze it in an atmosphere of silence; if you hear a crackling sound, pluck it! Science does not suggest what to do if the sound is followed by a feeling of something wet and sticky trickling down one's front.)

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Heard Fred Randolph twisted an ankle, so I went over to ask about him. No bones broken, his wife, Katie, assured me, but he'd be shut up in the house for a week. "He's so active it'll be quite an ordeal," she added, "but maybe if I'm real brave, I can stand it."

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That volunteer peach sapling too close to our back porch has suddenly justified my two summers of neglecting to remove it. Extended its green arms this month with more than a bushel of luscious fruit.

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I observed with gray-templed gratification that many of the beach lifeguards this summer are girls. Wonderful! At my age, the chances of having to be rescued are greater than the chances of making a rescue.

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Whether it's a man or a motor, you can be sure something's wrong with it if you hear it knocking.

Truly, my wife is a wonderful creature. She can signal for a left-hand turn, discuss a recipe with the clubwoman in the seat beside her, put on lipstick, reprimand a child, wave to a friend, and make a right-hand turn all at the same time.

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No state permits a woman to work 16 hours a day, we heard a radio lecturer say last evening. "How about matrimony?" demanded my missus.

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Finally did reorganize the food freezer last night to make room for our bumper crop of those large, luscious Texas Wonder blackberries—and found seven packages of last July's large, luscious Texas Wonder blackberries.

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Some of us old war buddies got together for an evening recently. Two of the boys are still single, but the rest of us didn't rub it in. The subject of marriage was never mentioned, unless you count their several references to the Land of the Free and the Home of the Brave.

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That new electric razor my two daughters gave me for my birthday is a dandy. I can shave with it anywhere, and without lathering my face, of course. But it didn't fool me: It was the subtlest way they could think of to get that mirror over the lavatory all to themselves.

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My son Burton, Jr., is an economist. He sent in a coupon for 12 big, artistic pictures to sell for profit. To keep the neighbors from being pestered, his mom bought all 12 to hang in my den.

Some of us didn't think much of that rabble rouser who spoke his piece at last week's City Council meeting, but Bill Norman defended him. "He's open-minded, all right," Bill declared. "The opening's right under his nose."

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Doorbell rang, and there stood the Widow Weems with a fresh berry pie. Baked an extra one by mistake, she reported, and didn't want it to spoil. I asked her if she knew what happens to a lady who fibs, and she said yes, the neighbors' naughty kids sneak over to her yard when she's away for the weekend and steal 2 or 3 inches of grass right off her lawn with their mower.

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Don't get vain about your loud sports shirt, Mister, or your daring swimsuit, Miss. It's not difficult at all to mistake attention for admiration.

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Summer will seem shorter if you—keep the family temperatures and tempers down with cool words . . . remember that a coat on a sweltering male can look silly, but that a sports shirt—or at the most, a collar and tie—can be dignified, stylish, and comfortable . . . allow the normal noises of childhood to reverberate through the home without your being shushy or touchy . . . work in a midday siesta for those at home, and a predinner relaxation snooze for Pop . . . stop laboring over deep "think books" for the season, and lighten your life with lighter reading . . . nominally close up the living and dining rooms, and live as much as possible under the shade trees and under the stars.

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"Surprise! It has a HIDDEN CRUST! Even between two layers of filling, the inner crust stays tender-crisp."

HIDDEN CRUST PIE

1 1/2 cups *sifted* GOLD MEDAL Flour
3/4 tsp. salt
1/2 cup shortening
3 tbsp. water
Chocolate cream filling for 9 inch pie

Heat oven to 475° (very hot). Mix flour and salt; cut in shortening. Sprinkle water over mixture, mixing with fork until dough clings together.

Divide dough as in picture. Round up larger piece on lightly floured pastry cloth. Flatten into circle. Roll 1" larger than inverted 9" pan.

Ease into pan; trim and fork edge. Prick well. Roll smaller piece into 6" circle. Place on inverted pan; prick well. Bake circle 8 min., shell 10 min., at 475°.

Pour in half of filling; top with "hidden crust." Add rest of filling. Chill. Serve topped with whipped cream and shaved chocolate.

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